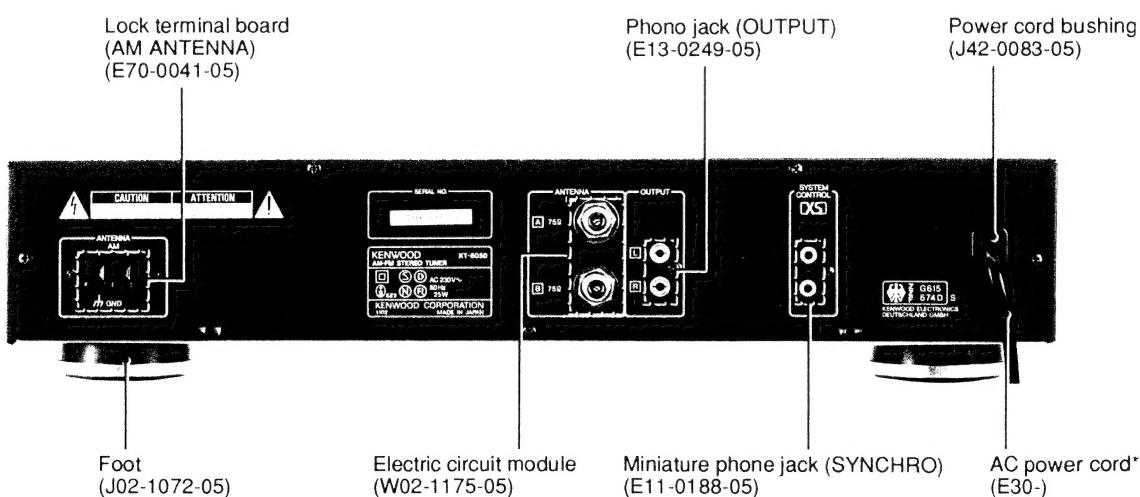
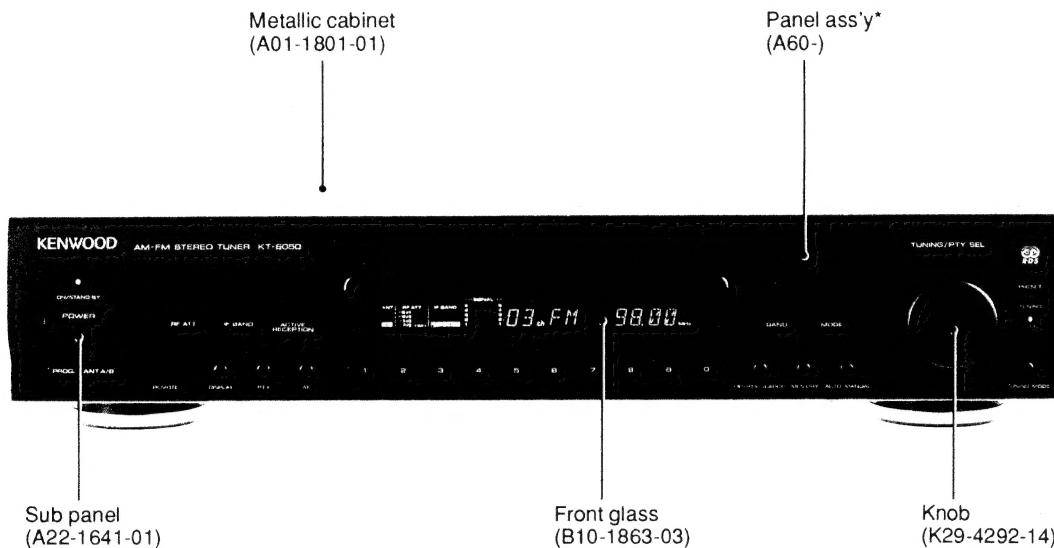


AM/FM STEREO TUNER
KT-6050
SERVICE MANUAL

KENWOOD

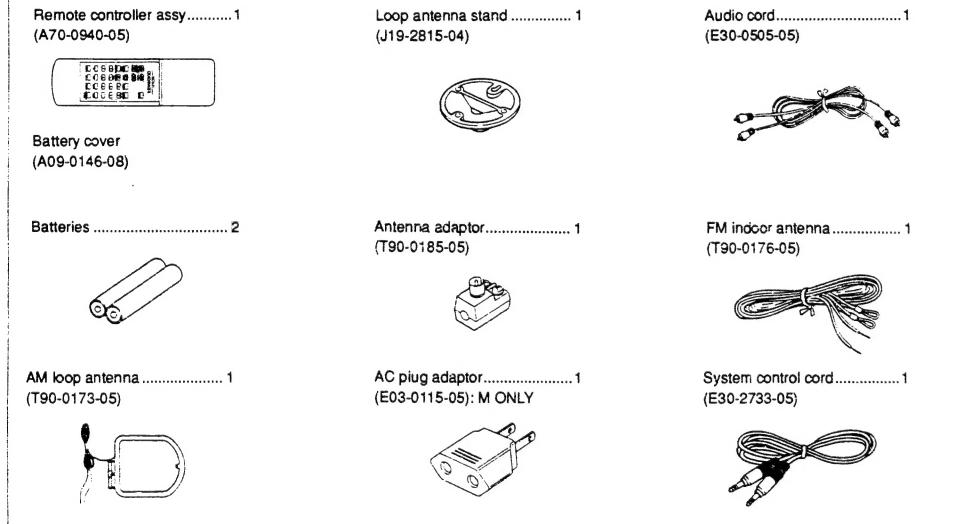
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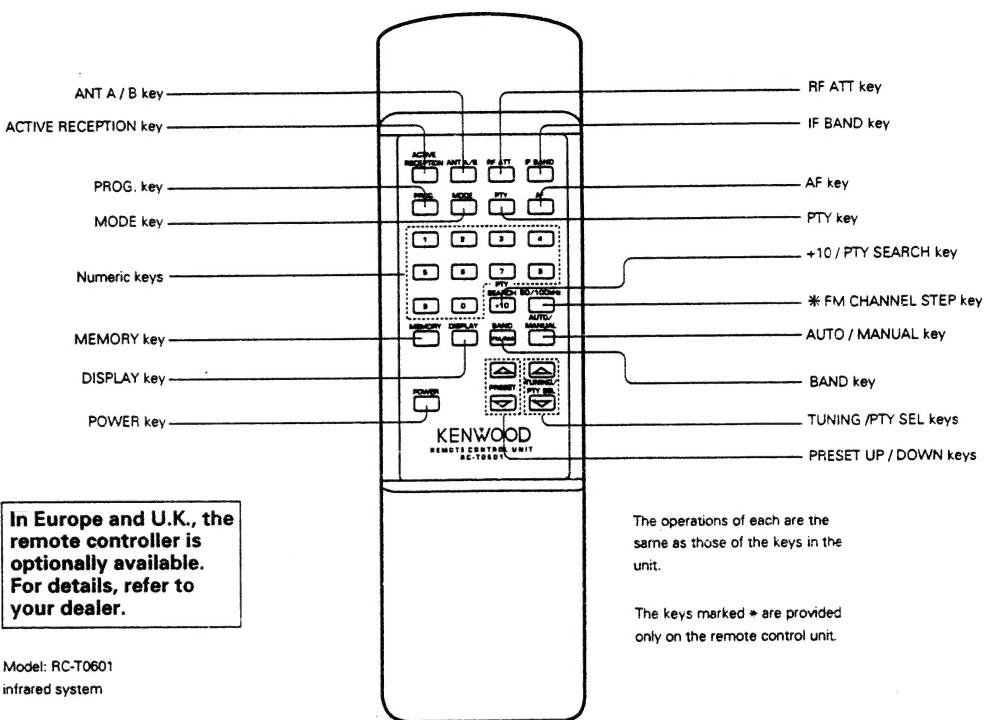
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Accessories



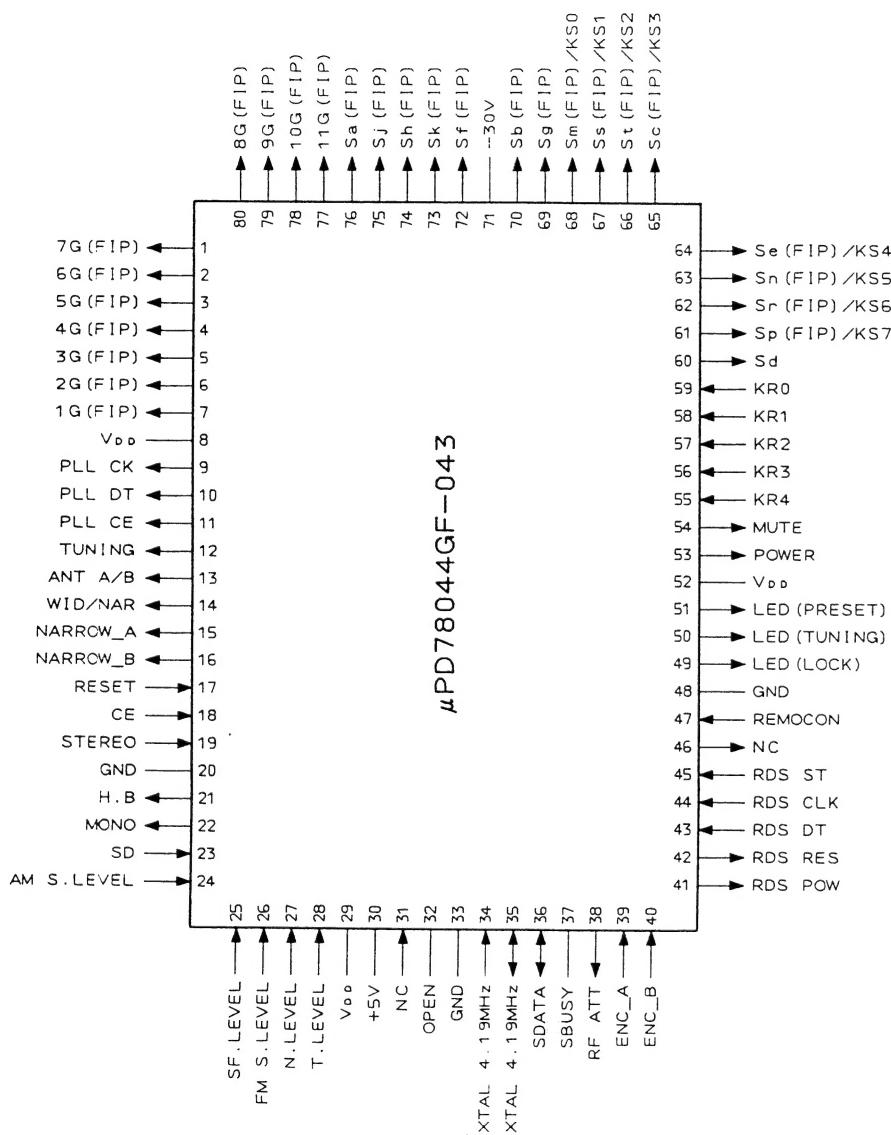
REMOTE CONTROL OPERATION



CIRCUIT DESCRIPTION

MICROPROCESSOR (μ PD78044GF-043)(IC1: X13)

Pin Function



CIRCUIT DESCRIPTION

Pin Description

No.	Pin Name	Name	I/O	Description
1	P94/FIP6	7G	O	FL grid
2	P93/FIP5	6G	O	FL grid
3	P92/FIP4	5G	O	FL grid
4	P91/FIP3	4G	O	FL grid
5	P90/FIP2	3G	O	FL grid
6	P81/FIP1	2G	O	FL grid
7	P80/FIP0	1G	O	FL grid
8	V _{dd}	V _{dd}	-	Power supply for microcomputer
9	P27/SCK0	PLLCK	O	PLL IC CLOCK
10	P26/S00/SB1	PLLDT	O	PLL IC DATA
11	P25/SI0/SB0	PLLCCE	O	PLL IC CE
12	P24/BUSY	TUNING	O	TUNING port
13	P23/STB	ANT A/B	O	ANT A/B control H:ANT B L:ANT A
14	P22/SCK1	WID/NAR	O	IF BAND control H:NARROW L:WIDE
15	P21/SO1	NARROW A	O	Notch filter control H:ON L:OFF
16	P20/SI1	NARROW B	O	Notch filter control H:ON L:OFF
17	RESET	RESET	I	Microcomputer reset
18	P74	CE	I	Microcomputer CE
19	P73	STEREO	I	STEREO detection H:MONO L:STEREO
20	AVss	GND	-	A/D Power supply
21	P17/AN17	H.B	O	HI-BLEND play H:HI-BLEND ON L:HI-BLEND OFF
22	P16/AN16	MONO	O	Forced MONO play H:MONO L:AUTO STEREO
23	P15/AN15	SD	I	SD (tuned) detection H:not tuned L:tuned
24	P14/AN14	AM S. LEVEL	I	AM Signal level(A/D input)
25	P13/AN13	SF. LEVEL	I	High-speed signal level (A/D input)
26	P12/AN12	FM S. LEVEL	I	FM Signal level (A/D input)
27	P11/AN11	N. LEVEL	I	Noise level (A/D input)
28	P10/AN10	T. LEVEL	I	T Meter level (A/D input)
29	AV _{dd}	V _{dd}	-	A/D Power supply
30	AVREF	+5 V	-	A/D Reference power supply
31	P04/XT1	Not used.	I	
32	XT2	OPEN	-	
33	Vss	GND	-	A/D Power supply
34	X1	OSC	I	4.19 MHz oscillator
35	X2	OSC	O	4.19 MHz oscillator
36	P37	SDATA	I/O	8 bit Serial communication DATA terminal
37	P36/BUZ	SBUSY	I/O	8 bit Serial communication BUSY terminal
38	P35/PCL	RF ATT	O	RF ATT control (PWM output)
39	P34/TI2	ENC A	I	Rotary encoder input A
40	P33/TI1	ENC B	I	Rotary encoder input B
41	P32/TO2	RDS POW	O	RDS POWER terminal H:RDS POWER OFF L:RDS POWER ON

CIRCUIT DESCRIPTION

No.	Pin Name	Name	I/O	Description
42	P31/TO1	RDS RES	O	RDS RESET
43	P30/TO0	RDS DT	I	RDS DATA
44	P03/INTP3/C10	RDS CLK	I	RDS CLOCK
45	P02/INTP2	RDS ST	I	RDS START
46	P01/INTP1	Not used.	O	
47	P00/INTP0/TI0	REMOCON	I	Remote control input
48	IC	GND	-	(Power supply)
49	P72	LED (LOCK)	O	LED display H:LED OFF L:LED ON
50	P71	LED (TUNING)	O	LED display H:LED OFF L:LED ON
51	P70	LED (PRESET)	O	LED display H:LED OFF L:LED ON
52	Vdd	Vdd	-	Microcomputer power supply
53	P127/FIP33	POWER	O	POWER H:POWER ON L:POWER OFF
54	P126/FIP32	MUTE	O	MUTE H:MUTE OFF L:MUTE ON
55	P125/FIP31	KR4	I	Key return
56	P124/FIP30	KR3	I	Key return
57	P123/FIP29	KR2	I	Key return
58	P122/FIP28	KR1	I	Key return
59	P121/FIP27	KR0	I	Key return
60	P120/FIP26	Sd	O	FL segment
61	P117/FIP25	Sp/KS7	O	FL segment/Key scan
62	P116/FIP24	Sr/KS6	O	FL segment/Key scan
63	P115/FIP23	Sr/KS5	O	FL segment/Key scan
64	P114/FIP22	Se/KS4	O	FL segment/Key scan
65	P113/FIP21	Sc/KS3	O	FL segment/Key scan
66	P112/FIP20	Sr/KS2	O	FL segment/Key scan
67	P111/FIP19	Ss/KS1	O	FL segment/Key scan
68	P110/FIP18	Sm/KS0	O	FL segment/Key scan
69	P107/FIP17	Sg	O	FL segment
70	P106/FIP16	Sb	O	FL segment
71	VLOAD	-30 V	-	FL drive power supply
72	P105/FIP15	Sf	O	FL segment
73	P104/FIP14	Sk	O	FL segment
74	P103/FIP13	Sh	O	FL segment
75	P102/FIP12	Sj	O	FL segment
76	P101/FIP11	Sa	O	FL segment
77	P100/FIP10	11G	O	FL grid
78	P97/FIP9	10G	O	FL grid
79	P96/FIP8	9G	O	FL grid
80	P95/FIP7	8G	O	FL grid

CIRCUIT DESCRIPTION

TEST MODE

1. Initial Condition

- Setting method

Plugging in the AC power while holding down the MEMORY key initializes this unit.

MODE	STATUS
POWER Program operation mode	OFF OFF
Last band	FM
Last FM frequency	Japan: 76.0 MHz/Other: 87.5 MHz
Last AM frequency	Ch Space 9 kHz: 531 kHz/ Ch Space 10 kHz: 530 kHz
Last P. CH	— ch
P. CH memory	Manufacturer's memory settings (Test frequency)
Tuning mode	AUTO
Active preception	OFF
ANT A/B	A
RF ATT	0 dB
IF BAND	WIDE
MONO/ST	AUTO STEREO
Encoder mode	Tuning

2. Test Mode

1-1. This unit test mode

- Setting method

While holding down the Tuning mode key, plug in the AC power.

- Canceling method

Unplug the AC power, then plug it in again.

- Contents

(1) Starting test mode for this unit

If you plug in the AC power while holding down the Tuning mode key, pressing a key on this unit puts it into test mode. Three functions are carried out.

- Automatic power on
- Fluorescent display tube and LEDs all light up.
- Initialization of all states except power on/off pressing any key on this unit ends the all-display-lit state. States changed during test mode are initialized by ending test mode for this unit (unplugging, then plugging in the AC power).

(2) 0-9, +10 test mode operation

- When the +10 key is not pressed, Channels 1-9 (1-9 keys) and Channel 10 (0 key) can be called out.
- When the +10 key is pressed once, Channels 11-19 (1-9 keys) and Channel 20 (0 key) can be called out.
- When the +10 key is pressed twice, Channels 21-29 (1-9 keys) and Channel 30 (0 key) can be called out.
- When the +10 key is pressed three times, Channels 31-39 (1-9 keys) can be called out. Pressing the 0 key calls out Channel 10 and returns this unit to the status it has in a) when the +10 key has not been pressed.
- When the +10 key is pressed four times, this unit returns to the status it has when the +10 key has not been pressed.

(3) RF ATT test mode operation

Normally, the RF attenuation control cycles the attenuation through 0 dB, -5 dB, and -15 dB with the RF key. In test mode, you can cycle through seven settings with the RF key: 0 dB, -2.5 dB, -5 dB, -7.5 dB, -10 dB, -12.5 dB, and -15 dB. These are the controllable RF attenuation values for active reception. Finer control is not possible.

CIRCUIT DESCRIPTION

(4) IF band test mode control

Normal IF band control can only switch between two modes, wide and narrow, with the IF key, but for active reception, when narrow is selected, ± 100 kHz adjacent interfering stations are detected and $+100$ kHz and -100 kHz notch filters are controlled. In test mode, this can all be controlled. Thus pressing the IF key cycles the IF band mode through five modes: Wide, Narrow (normal), Narrow ($+100$ kHz), Narrow (-100 kHz) and Narrow (± 100 kHz).

3. Destination

Destination	Diode SW				Band	Receive frequency range	Inter channel space	IF	RF	Remarks
	3	2	1	0						
K1	*	1	0	0	FM	87.5 MHz - 108.0 MHz	100 kHz	+10.7 MHz	50 kHz	
					AM	530 kHz - 1610 kHz	10 kHz	+450 kHz	10 kHz	
K2	*	1	1	0	FM	87.5 MHz - 108.0 MHz	100 kHz	+10.7 MHz	50 kHz	
					AM	530 kHz - 1700 kHz	10 kHz	+450 kHz	10 kHz	
J	*	*	*	1	FM	76.0 MHz - 90.0 MHz	100 kHz	-10.7 MHz	50 kHz	
					AM	531 kHz - 1602 kHz	9 kHz	+450 kHz	9 kHz	With STEREO
E	1	0	*	0	FM	87.5 MHz - 108.0 MHz	50 kHz	+10.7 MHz	50 kHz	
					AM	531 kHz - 1602 kHz	9 kHz	+450 kHz	9 kHz	
E'	0	0	*	0	FM	87.5 MHz - 108.0 MHz	50 kHz	+10.7 MHz	50 kHz	With RDS
					AM	531 kHz - 1602 kHz	9 kHz	+450 kHz	9 kHz	

Diode SW 0 → Japan/Other
0: Other
1: Japan

Diode SW 3 → Select RDS model or not.
0: With RDS
1: Without RDS

Diode SW 1 → AM band range
0: AM range 1610 kHz
1: AM range 1700 kHz

Note: Priority of diode switches

Diode SW 2 → Inter channel space
(M type selects E or K1 by SW 2.)
0: FM 50 kHz/step, AM 9 kHz/step
1: FM 100 kHz/step, AM 10 kHz/step

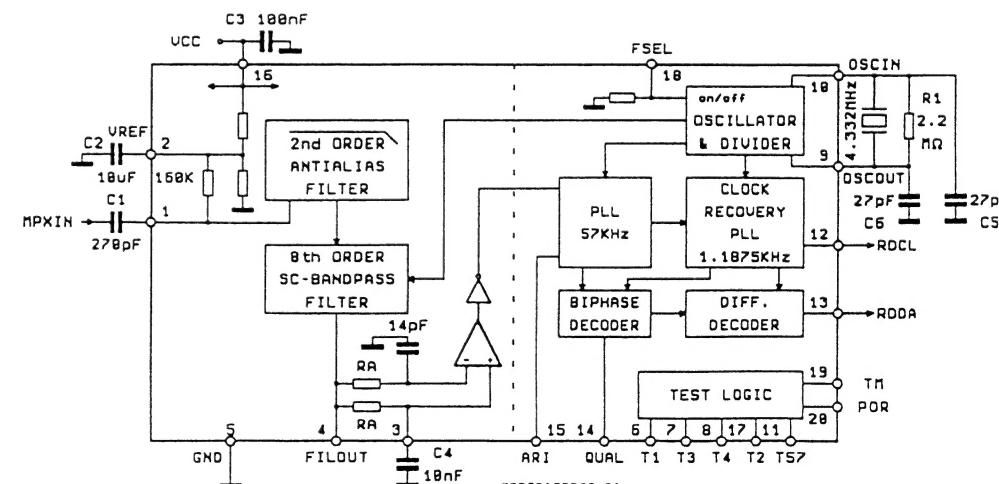
Diode switches have the priority as follows:
(1) SW 0, (2) SW 2, (3) SW 1, SW 3
M type selects E or K1 by SW 2.

RDS IC (X05-: IC13)

Pin Function

No.	Pin Name	Description
1	MUXIN	RDS input signal.
2	V _{ref}	Reference voltage
3	COMP	Not inverting comparator input (smoothing filter)
4	FIL OUT	Filter Output
5	GND	Ground
6	T1	Testing output pin (not to be used)
7	T3	Testing output pin (not to be used)
8	T4	Testing output pin (not to be used)
9	OSC OUT	Oscillator output
10	OSC IN	Oscillator input
11	T57	Testing output pin: 57 kHz clock output
12	RDCL	RDS clock output (1187.5 Hz)
13	RDDA	RDS data output
14	QUAL	Output for signal quality indication (High = good)
15	ARI	Output for ARI indication (High when RDS + ARI signals are present) (High when only ARI is present) (Low when only RDS is present) (Indefine when no signals present)
16	V _{cc}	Supply Voltage
17	T2	Testing output pin (not to be used)
18	FSEL	Frequency selector pin: open = 4.332 MHz, closed to V _{cc} = 8.664 MHz
19	TM	Test mode pin (open = normal RUN) (closed to V _{cc} = Test mode)
20	POR	Reset input for testing (active high)

Block diagram



KT-6050

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION SELECTOR: FM							
1	V _T	—	Connect a DC voltmeter between TP6(V _T) and TP7(GND).	87.5 MHz	L42	3.0 V±0.1 V	
2	V _T	—	Connect a DC voltmeter between TP6(V _T) and TP7(GND).	108 MHz	TC1	25.0 V±0.2 V	
3	DETECTOR (PLL)	98 MHz Dev. 75 kHz → OFF ANT input 120 dB μ	Connect a DC voltmeter between TP4(DET) and TP5(GND).	98 MHz	L37	Rotate the core, and set to Dev OFF after having checked the output at Dev 0. 0.000V ± 15 mV	
4	DETECTOR (Quadrature)	98 MHz Dev. 75 kHz → OFF ANT input 120 dB μ	Connect a DC voltmeter between TP1(TUNED) and TP2(V _{ref}).	98 MHz	L35	Rotate the core, and set to Dev OFF after having checked the output at Dev 0. 0.00V ± 30mV	
5	SENSITIVITY	98 MHz AF 1 kHz± 75 kHz dev	—	98 MHz	L6, L7, L9, L11, L15	Output waveform at maximum and optimum status.	
6	AUTO-STOP SENSITIVITY	14 dB μ (ANT)	—	98 MHz	VR1	S meter No.1 lights. Digital display: 14 dB μ ± 0 dB μ	
7	AUTO-STOP SENSITIVITY	70 dB μ (ANT)	—	98 MHz	VR17	Five S meter lights. Digital display: 70 dB μ ± 1 dB μ	
8	DISTORTION (MONO)	MONO	Connect a distortion meter to output jack.	IF: WIDE	VR5 VR6 VR9	Minimum distortion.	
9	DISTORTION (MONO)	MONO		IF: NARROW	VR4 VR7		
10	DISTORTION (STEREO)	L/R	Connect a distortion meter to output jack.	IF: WIDE	VR12	Minimum distortion.	
11	DISTORTION (STEREO)	SUB		IF: WIDE	VR8		
12	DISTORTION (STEREO)	L/R		IF: NARROW	VR11		
13	DISTORTION (STEREO)	SUB		IF: NARROW	VR10		
14	PILOT CANCEL	98 MHz PILOT:±6.75 kHz dev 80 dB μ input	Connect a DC voltmeter between TP9(PG) and GND	—	VR16	Adjust the level of 19 kHz to minimum.	
15	SEPARATION	L/R 80 dB μ (ANT)	—	IF: WIDE	VR14(L) VR15(R)	Optimum separation.	
16	SEPARATION	L/R 80 dB μ (ANT)	—	IF: NARROW	VR13	Optimum separation.	
AM SECTION SELECTOR: AM(MW)							
(1)	AM AUTO-STOP	DIRECT input 28 dB μ (400Hz)	—	999 kHz	VR2	S meter No.1 lights.	

KT-6050

REGLAGE

KT-6050

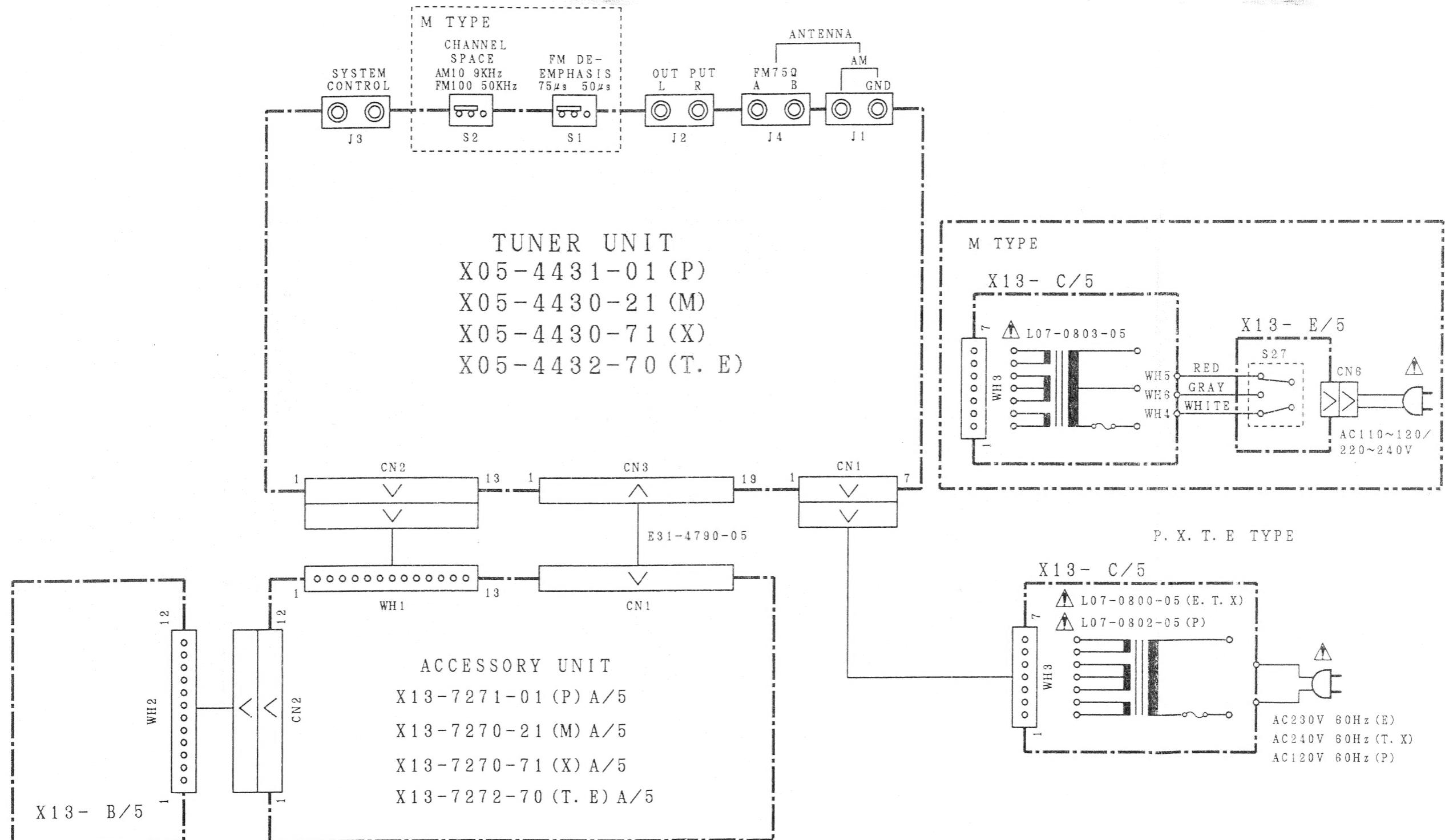
ABGLEICH

N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DU TUNER	POINT DE L'ALIGNEMENT	ALIGNER POUR	FIG.
SECTION MF SELECTEUR: FM							
1	V _T	—	Relier un voltmètre CC entre les TP6(V _T) et TP7(GND).	87.5 MHz	L42	3.0 V±0,1 V	
2	V _T	—	Relier un voltmètre CC entre les TP6(V _T) et TP7(GND).	108 MHz	TC1	25,0 V±0,2 V	
3	DETEKTOR (PLL)	98 MHz Dév. 75 kHz → ARRET Entrée ANT 120 dB μ	Relier un voltmètre CC entre les TP4(DET) et TP5(GND).	98 MHz	L37	Tourner le tore et régler sur Dev ARRET après avoir vérifié la sortie à Dev 0. 0,000V ± 15 mV	
4	DETEKTOR (Quadrature)	98 MHz Dév. 75 kHz → ARRET Entrée ANT 120 dB μ	Relier un voltmètre CC entre les TP1(TUNED) et TP2(Vref).	98 MHz	L35	Tourner le tore et régler sur Dev ARRET après avoir vérifié la sortie à Dev 0. 0,00V ± 30mV	
5	SENSIBILITE	98 MHz AF 1 kHz± 75 kHz dév	—	98 MHz	L6, L7, L9, L11, L15	Onde de sortie à l'état maximum et optimum.	
6	SENSIBILITE ARRÊT AUTOMATIQUE	14 dB μ (ANT)	—	98 MHz	VR1	Le S-mètre No. 1 s'allume. Affichage numérique: 14 dB μ ± 0 dB μ	
7	SENSIBILITE ARRÊT AUTOMATIQUE	70 dB μ (ANT)	—	98 MHz	VR17	Cinq S-mètres s'allume. Affichage numérique: 70 dB μ ± 1 dB μ	
8	DISTORSION (MONO)	MONO	Brancher un distorsiomètre sur la prise de sortie.	IF: LARGE	VR5 VR6 VR9	Distorsion minimale.	
9	DISTORSION (MONO)	MONO		IF: ETROIT	VR4 VR7		
10	DISTORTION (STEREO)	L/R	Brancher un distorsiomètre sur la prise de sortie.	IF: LARGE	VR12	Distorsion minimale.	
11	DISTORTION (STEREO)	SUB		IF: LARGE	VR8		
12	DISTORTION (STEREO)	L/R		IF: ETROIT	VR11		
13	DISTORTION (STEREO)	SUB		IF: ETROIT	VR10		
14	PILOT CANCEL	98 MHz Signal pilote±6,75 kHz dév Entrée 80 dB μ	Relier un voltmètre CC entre les TP9(PG) et GND.	—	VR16	Régler le niveau de 19 kHz au minimum.	
15	SÉPARATION	L/R 80 dB μ (ANT)	—	IF: LARGE	VR14(L) VR15(R)	Séparation optimale.	
16	SÉPARATION	L/R 80 dB μ (ANT)	—	IF: ETROIT	VR13	Séparation optimale.	
SECTION MA SELECTEUR: AM(MW)							
(1)	SENSIBILITE DE L'ARRÊT AUTOMATIQUE AM	Entrée DIRECTE 28 dB μ (400Hz)	—	999 kHz	VR2	Le S-mètre No. 1 s'allume.	

NR.	GEGENSTAND	EINGANGSEINSTELLUNG	AUSGANGSEINSTELLUNG	TUNEREINSTELLUNG	ABGLEICHPUNKTE	ABGLEICHEN FÜR	ABB.
UKW-EMPFANGSABTEILUNG WÄHLER: FM							
1	V _T	—	Einen Gleichspannungsmesser zwischen TP6(V _T) und TP7(GND) anschließen.	87.5 MHz	L42	3.0 V±0,1 V	
2	V _T	—	Einen Gleichspannungsmesser zwischen TP6(V _T) und TP7(GND) anschließen.	108 MHz	TC1	25,0 V±0,2 V	
3	DETEKTOR (PLL)	98 MHz Hub. 75 kHz → OFF ANT-Eingang 120 dB μ	Einen Gleichspannungsmesser zwischen TP4(DET) und TP5(GND) anschließen.	98 MHz	L37	Den Kern drehen, und nach dem Prüfen des Ausgangs an Dev. 0 auf Dev OFF stellen. 0,000V ± 15 mV	
4	DETEKTOR (Quadratur)	98 MHz Hub. 75 kHz → OFF ANT-Eingang 120 dB μ	Einen Gleichspannungsmesser zwischen TP1(TUNED) und TP2(Vref) anschließen.	98 MHz	L35		
5	EMPFINDLICHKEIT	98 MHz AF 1 kHz± 75 kHz Hub	—	98 MHz	L6, L7, L9, L11, L15	Wellenform bei Maximum und optimalem Zustand ausgeben.	
6	AUTOSTOPP-EMPFINDLICHKEIT	14 dB μ (ANT)	—	98 MHz	VR1	S-Messer Nr. 1 leuchtet. Digitalanzeige: 14 dB μ ± 0 dB μ	
7	AUTOSTOPP-EMPFINDLICHKEIT	70 dB μ (ANT)	—	98 MHz	VR17	Fünf S-Messer leuchten. Digitalanzeige: 70 dB μ ± 1 dB μ	
8	VERZERRUNG (MONO)	MONO	Einen Verzerrungsmesser an die Ausgangsbuchse anschließen.	IF: WIDE (ZF: Breit)	VR5 VR6 VR9	Minimal Klirrfaktor.	
9	VERZERRUNG (MONO)	MONO		IF: NARROW (ZF: Schmal)	VR4 VR7		
10	VERZERRUNG (STEREO)	L/R	Einen Verzerrungsmesser an die Ausgangsbuchse anschließen.	IF: WIDE (ZF: Breit)	VR12	Minimal Klirrfaktor.	
11	VERZERRUNG (STEREO)	SUB		IF: WIDE (ZF: Breit)	VR8		
12	VERZERRUNG (STEREO)	L/R		IF: NARROW (ZF: Schmal)	VR11		
13	VERZERRUNG (STEREO)	SUB		IF: NARROW (ZF: Schmal)	VR10		
14	PILOT CANCEL	98 MHz Piloten±6,75 kHz Hub 80 dB μ Eingang	Einen Gleichspannungsmesser zwischen TP9(PG) und GND anschließen.	—	VR16	Den Pegel von 19 kHz auf Minimum einstellen.	
15	TRENNUNG	L/R 80 dB μ (ANT)	—	IF: WIDE (ZF: Breit)	VR14(L) VR15(R)	Optimale Trennung.	
16	TRENNUNG	L/R 80 dB μ (ANT)	—	IF: NARROW (ZF: Schmal)	VR13	Optimale Trennung.	
MW-EMPFANGSABTEILUNG WÄHLER: AM(MW)							
(1)	AM-AUTOSTOPP-EMPFINDLICHKEIT	DIRECT-Eingang 28 dB μ (400Hz)	—	999 kHz	VR2	S-Messer Nr. 1 leuchtet.	

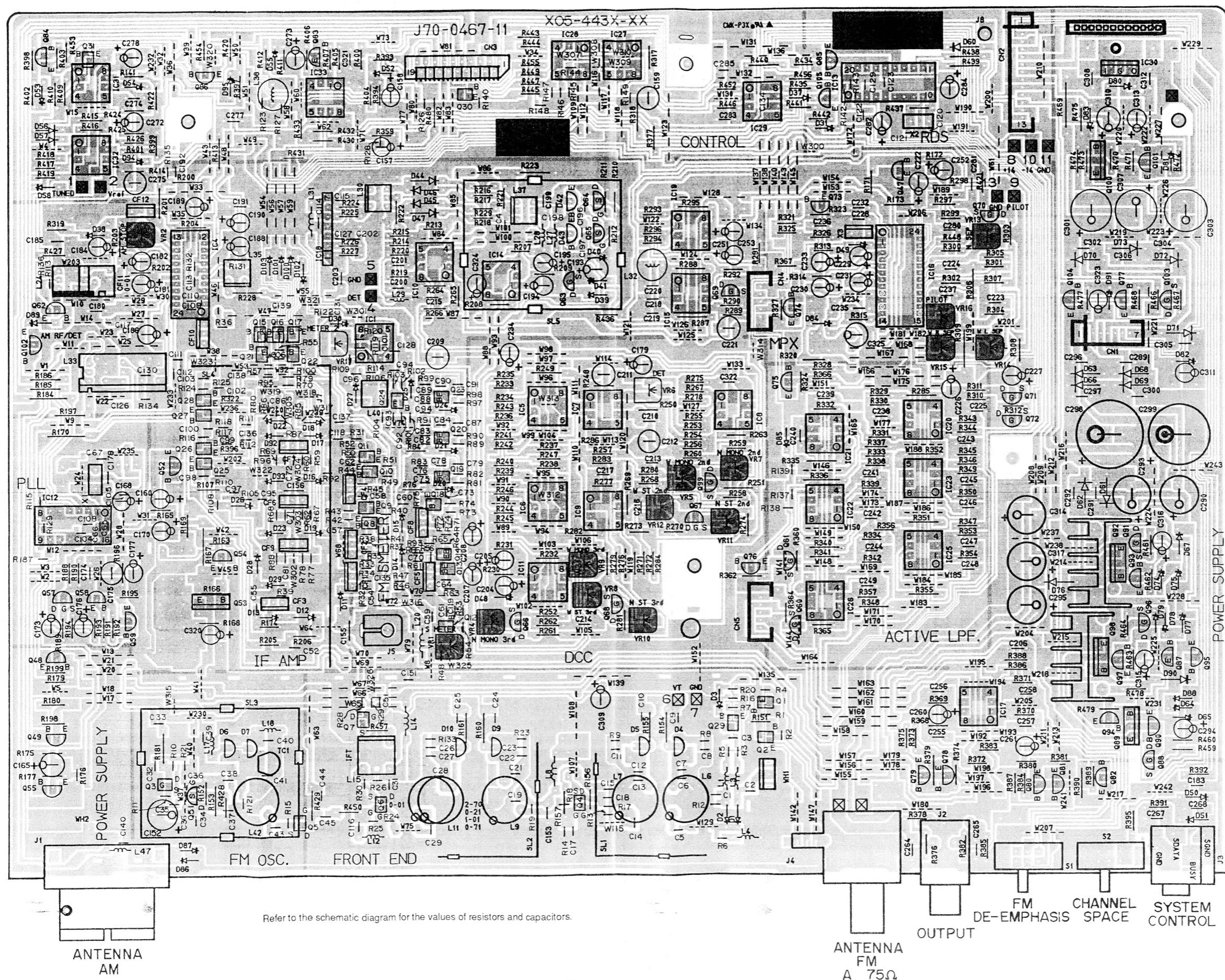
KT-6050 KT-6050

WIRING DIAGRAM



PC BOARD (Component side view)

TUNER UNIT (X05-443X-XX)



Refer to the schematic diagram for the values of resistors and capacitors.

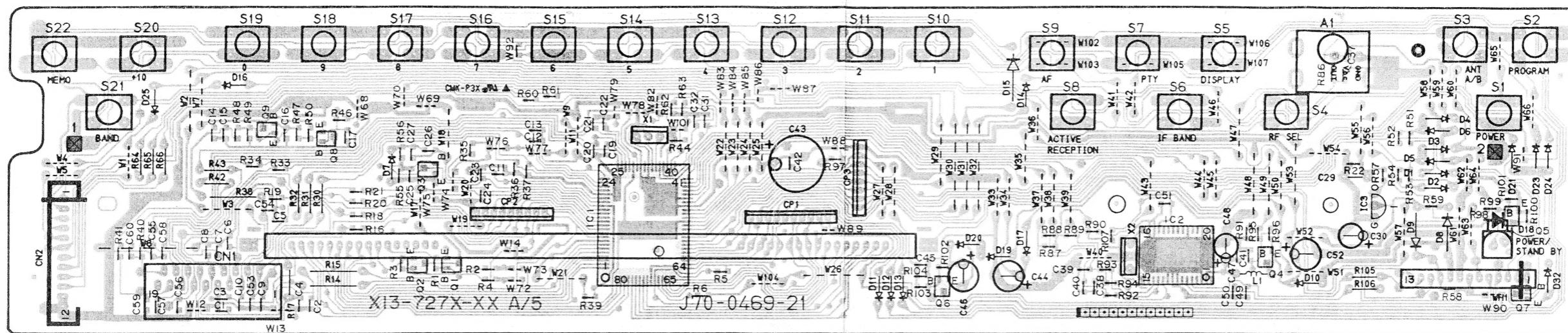
ANTEN
FM
A 75
B 75

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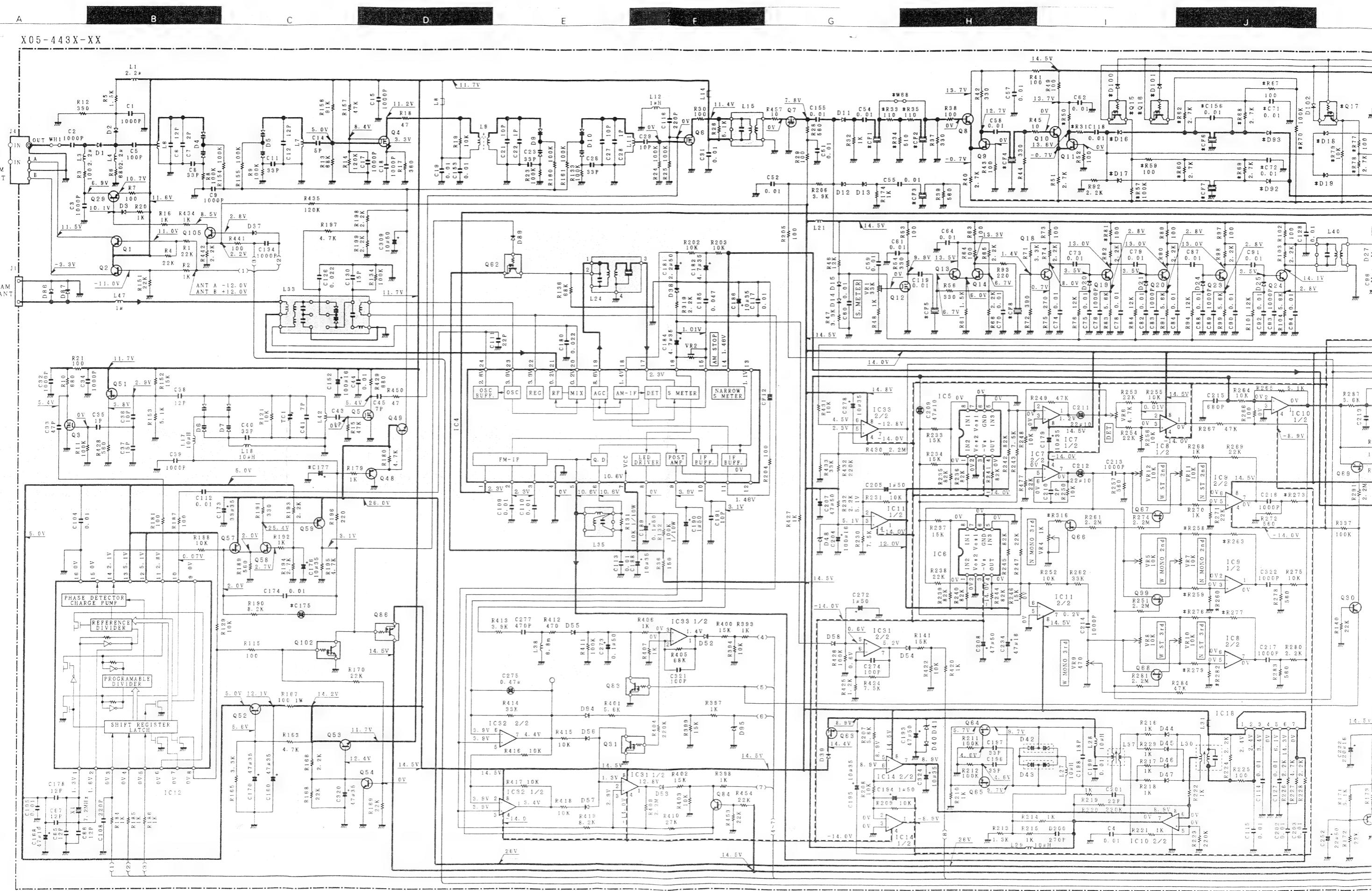
K L M N O P Q R S T

PC BOARD (Foil side view)

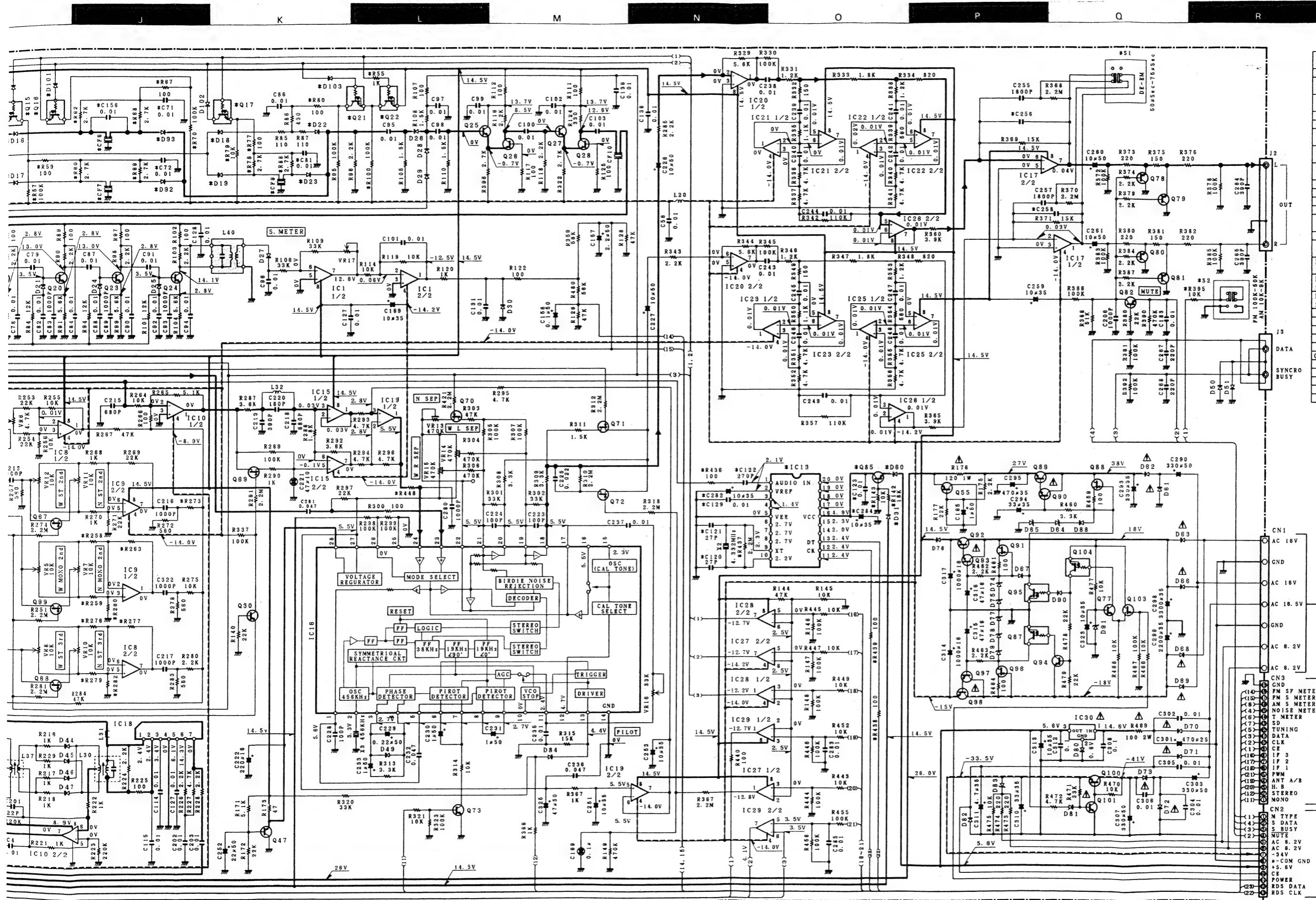
ACCESSORIES UNIT (X13-727X-XX)



X05-443X-XX



DC voltages are a
during reception of
of 60 dB at the AI
variations between
signal (with a signa



DC voltages are measured with a high impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or units. Values in parentheses are measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels. Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM (avec une force de signal de 60 dB à la borne ANT).

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

	2-70	1-01
T, E	YES	NO
Q15~17	YES	NO
21, 22, 85	YES	NO
D18, 17, 19	YES	NO
23, 31	YES	NO
D18	YES	W239
D22	YES	W240
D80, 92, 93	YES	NO
100~103	YES	NO
C71, 72	YES	NO
120~123	YES	NO
C129, 158	YES	NO
282, 284	0.022 μ 50	0.47 μ 50
C175	0.027 μ 50	1 μ 50
C177	0.47 μ 50	1 μ 50
C258, 258	3300P	5100P
R31	360	430
R33~35	55, 57, 59, 60	YES NO
R50	110	39
R82, 87~70	77~81	YES NO
R88, 100, 142	143, 438~439	YES NO
R258, 259	276, 279	1K 2.2K
R280, 283	277, 282	22K 10K
R273	1K	3.3K
R395	N0	NO
R448	1.5K	1K
W68	N0	YES
S1, 2	N0	NO
CF1, 4, 5, 8	L72-0586-05	L72-0585-05
CF2, 6	L72-0586-05	NO
CF3, 10	L72-0120-05	L72-0548-05
CF7	L72-0586-05	NO
CF9	L72-0572-05	NO
VR4	1K	10K

IC1, 7~9
11, 15, 17
19~23
25~28
31~33
IC3, 14
IC4
IC5, 8
IC10
IC12
IC13
IC16
IC18
IC20
IC21
IC22
IC23
IC24
IC25
IC26
IC27
IC28
IC29
IC30
IC31
IC32
IC33
IC34
IC35
IC36
IC37
IC38
IC39
IC40
IC41
IC42
IC43
IC44
IC45
IC46
IC47
IC48
IC49
IC50
IC51
IC52
IC53
Q1, 29, 30
Q2
Q3, 5, 7, 12
Q4
Q6
Q7~11, 13, 14
18~20, 23~28
Q15, 16, 21, 22
Q17
Q31, 83, 95, 102
Q47, 55
Q48, 59, 76, 82
85, 97, 101
Q51, 86
Q52
Q53, 89, 92
Q41, 54, 58, 73, 74, 77
81, 90, 93, 94, 105
Q57, 68~72, 99, 103
Q69, 81, 86, 91, 96
Q62, 86, 87, 104
Q63

D1 22
D3 1~40, 44~47
49~58, 80, 87
80~82, 84~90
92, 93, 100~103
D4 5, 7, 9, 10
D6
D4, 64
D4, 43
D6~8
D4, 74~79
D8~63, 66, 68~73
D9

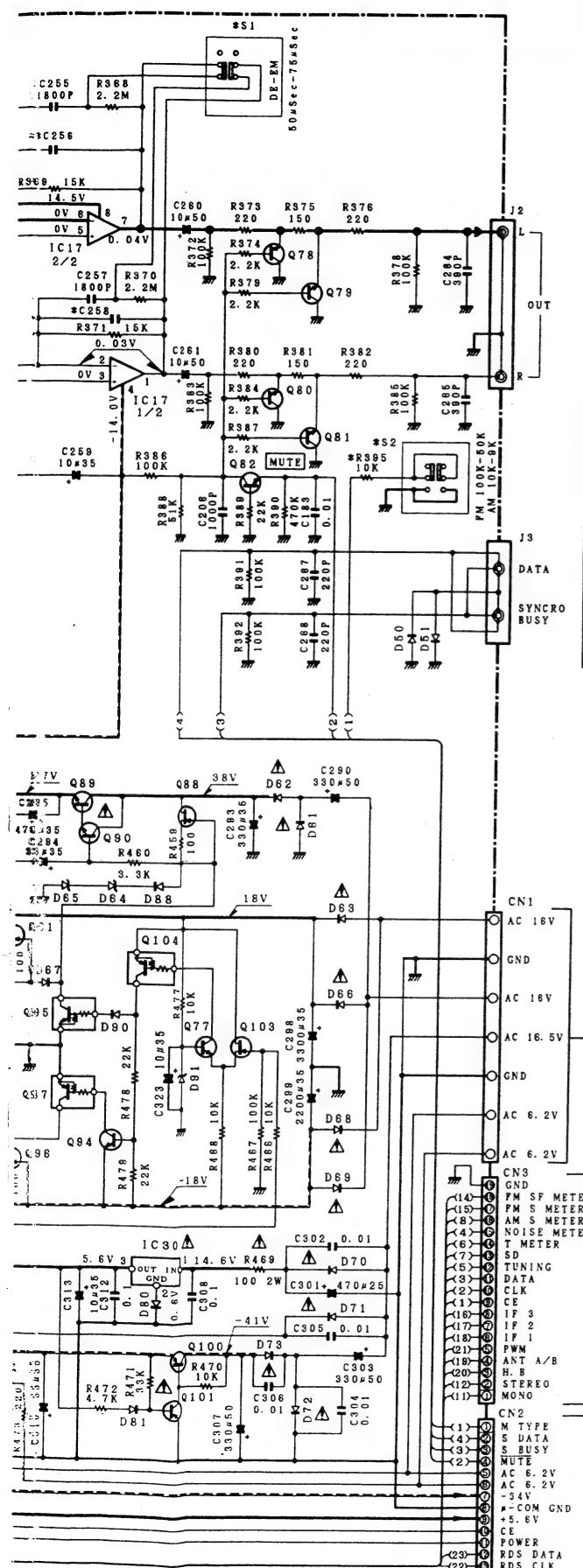
SIGNAL LINE
GND LINE
B-LINE
B-LINE

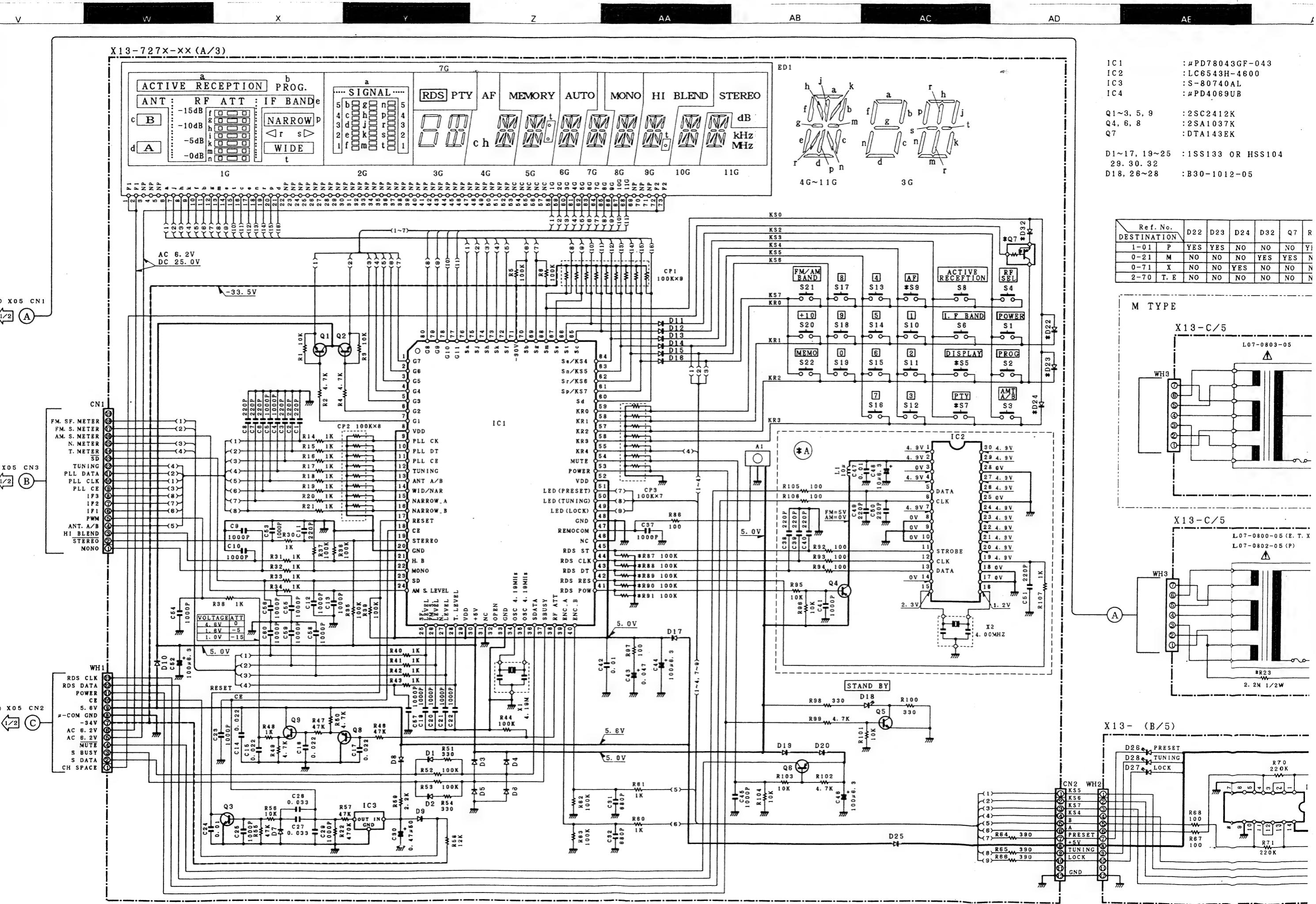
Q

R

S

U





AD

AF

AF

AG

AH

AI

AJ

AK

AI

AM

IC1 : μPD78043GF-043
 IC2 : LC6543H-4600
 IC3 : S-80740AL
 IC4 : μPD4069UB

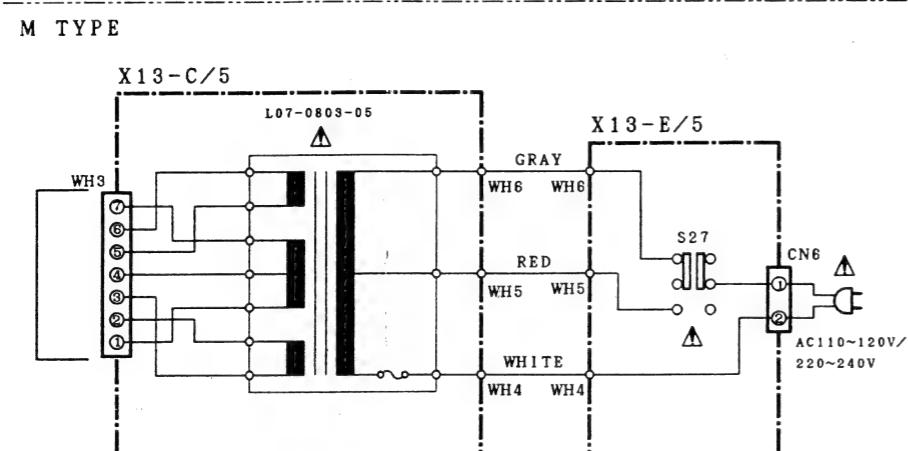
Q1~3, 5, 9 : 2SC2412K
 Q4, 6, 8 : 2SA1037K
 Q7 : DTA143EK

D1~17, 19~25 : ISS133 OR HSS104
 29, 30, 32
 D18, 26~28 : B30-1012-05

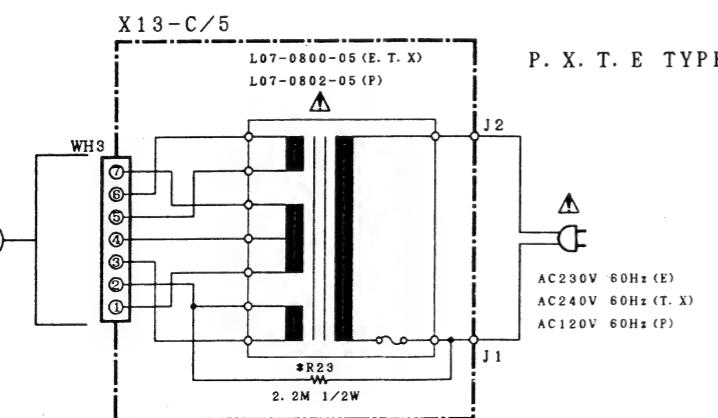
2SA1534A
 2SC2878
 2SC3940A

Ref. No.	D22	D23	D24	D32	Q7	R23	R87~91	S5. 7. 9	E/5	(A)
1-01	P	YES	YES	NO	NO	YES	YES	NO	NO	NO
0-21	M	NO	NO	NO	YES	YES	NO	YES	NO	
0-71	X	NO	NO	YES	NO	NO	NO	YES	NO	NO
2-70	T. E	NO	NO	NO	NO	NO	NO	YES	NO	YES

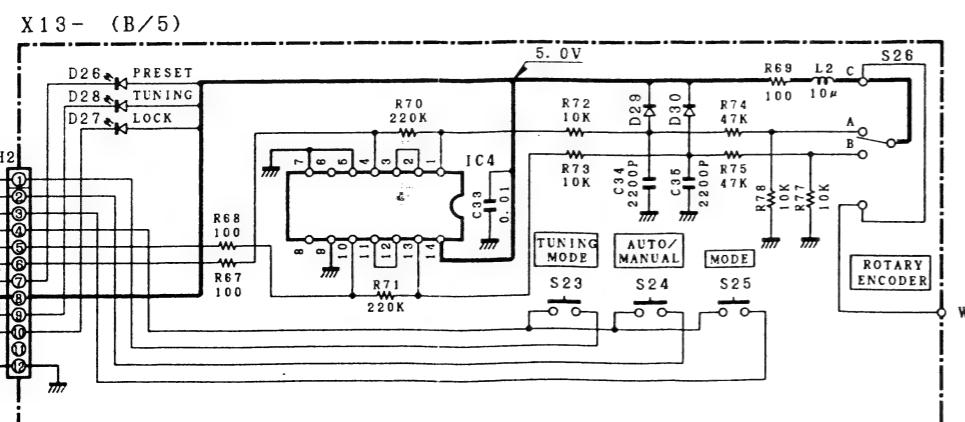
DTA124ES
 DTC124ES
 2SA1048
 2SC2458



DTA124EK
 DTA143EK
 DTC114TK
 2SA1037K
 2SC2412K
 2SC2714



2SB1375
 2SD2012



NJM4200D
 NJM4558D
 NJM4560D-A

SIGNAL LINE
 GND LINE
 +B LINE
 -B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

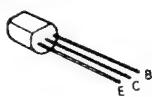
DC voltages are as measured with a high impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
 Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM (avec une force de signal de 60 dB à la borne ANT).

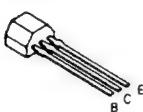
Die angegebenen Gleichspannungswerte wurden mit einem hochimpedanten Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

5
 8
 B
 C

2SA1534A
2SC2878
2SC3940A



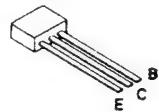
DTA124ES
DTC124ES
2SA1048
2SC2458



DTA124EK
DTA143EK
DTC114TK
2SA1037K
2SC2412K
2SC2714



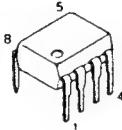
2SA1309A
2SC3311A



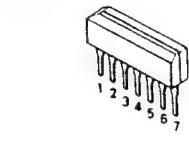
2SB1375
2SD2012



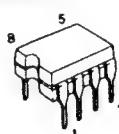
NJM4200D
NJM4558D
NJM4560D-A



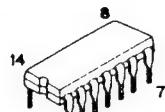
TA7302P



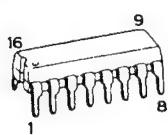
NJM4565D



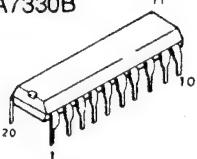
UPD4069UBC



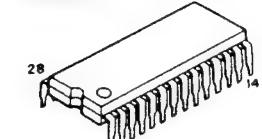
LM7001



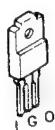
TDA7330B



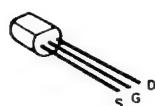
LA3450



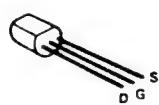
UPC7805AHF



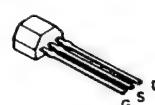
2SK246



2SK163



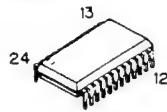
2SK161



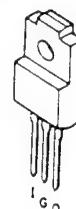
2SK302



LA1267



TA7805S

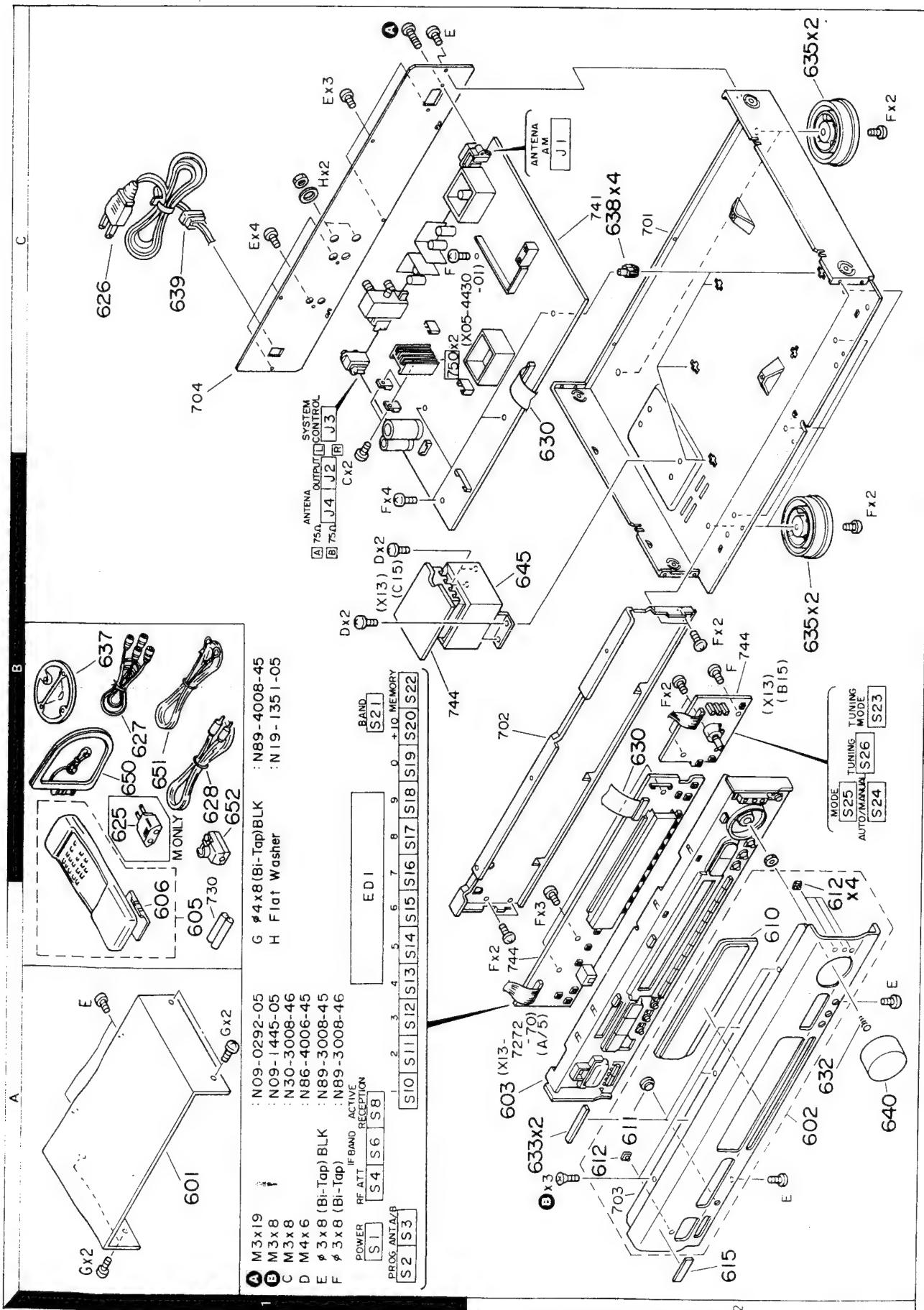


S-80740AL



KT-6050

EXPLODED VIEW



Parts with the exploded numbers larger than 700 are not supplied.

KT-6050

PARTS LIST

TUNER UNIT

Unit No.	Destination
X05-4431-01	P
X05-4430-21	M
X05-4430-71	X
X05-4432-70	T, E

ACCESSORIES UNIT

Unit No.	Destination
X13-7271-01	P
X13-7270-21	M
X13-7270-71	X
X13-7272-70	T, E

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

No. 1

Ref. No.	Address	New Part 新	Parts No.	Description	Desti- nation 仕向	Re- marks 備考
参照番号	位 漢	部 品 番 号	部 品 名 / 規 格			
KT-6050 (UNIT)						
601	1A	A01-1801-01	METALLIC CABINET			
602	2A	* A60-0431-02	PANEL ASSY	BT		
602	2A	* A60-0432-02	PANEL ASSY	PMX		
603	2A	* A22-1641-01	SUB PANEL			
605	1A	* A70-0940-05	REMOTE CONTROLLER ASSY	PMX		
606	1A	A09-0146-08	BATTERY COVER	PMX		
610	2A	B10-1863-03	FRONT GLASS			
611	2A	B11-0237-14	COLOR FILTER			
612	2A	* B12-0162-14	INDICATOR			
615	2A	B43-0287-04	KENWOOD BADGE			
		B46-0096-33	WARRANTY CARD	X		
		* B46-0121-33	WARRANTY CARD	P		
		B46-0310-03	WARRANTY CARD	ET		
		B58-0945-03	CAUTION CARD	T		
		* B60-1238-00	INSTRUCTION MANUAL (ENGLISH)	PMX		
		* B60-1240-00	INSTRUCTION MANUAL (FRENCH)	P		
		* B60-1241-00	INSTRUCTION MANUAL (GER, FER)	E		
		* B60-1242-00	INSTRUCTION MANUAL (DUT, ITA)	E		
		* B60-1243-00	INSTRUCTION MANUAL (SPA, CHI)	M		
		* B60-1418-00	INSTRUCTION MANUAL (ENGLISH)	ET		
▲ 625	1B	E03-0115-05	AC PLUG ADAPTER	M		
▲ 626	1C	E30-0459-05	AC POWER CORD	E		
▲ 626	1C	E30-0974-05	AC POWER CORD	P		
▲ 626	1C	E30-2592-15	AC POWER CORD	M		
▲ 626	1C	E30-2714-05	AC POWER CORD	X		
▲ 626	1C	E30-2718-05	AC POWER CORD	T		
627	1B	E30-0505-05	AUDIO CORD			
628	1B	E30-2733-05	CORD WITH PLUG			
630	2B, 2C	E31-4790-05	FLAT CABLE X05(CN3)-X13(CN1)			
632	2A	G01-3451-04	COMPRESSION SPRING			
633	2A	G11-0155-14	SOFT TAPE (40X92)			
		* H50-0700-04	ITEM CARTON CASE	EPMX		
		* H50-0701-04	ITEM CARTON CASE	T		
		* H10-5162-12	POLYSTYRENE FOAMED FIXTURE L			
		H10-5163-02	POLYSTYRENE FOAMED FIXTURE R			
		* H12-2138-04	PACKING FIXTURE	T		
		* H13-0102-04	CARTON BOARD	X		
		H25-0224-04	PROTECTION BAG (800X400X0.03)	EPMX		
		H25-0232-04	PROTECTION BAG (235X350X0.03)	EPMX		
		H25-0651-04	PROTECTION BAG (0232 PRINTED)	T		
		H25-0653-04	PROTECTION BAG (0224 PRINTED)	T		
635	2B, 2C	J02-1072-05	FOOT			
637	1B	J19-2815-04	ANTENNA HOLDER			
638	2C	J19-3180-05	UNIT HOLDER			
639	1C	J42-0083-05	POWER CORD BUSHING			
		J61-0307-05	WIRE BAND			
640	2A	K29-4292-14	KNOB TUNING, PTV SELECT	EXT		
645	2B	* L07-0800-05	POWER TRANSFORMER	P		
645	2B	* L07-0802-05	POWER TRANSFORMER	P		
645	2B	* L07-0803-05	POWER TRANSFORMER	M		

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

△ indicates safety critical components.

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

No. 2

Ref. No.	Address	New Part 新	Parts No.	Description	Desti- nation 仕向	Re- marks 備考
参照番号	位 漢	部 品 番 号	部 品 名 / 規 格			
TUNER UNIT (X05-443X-XX)						
A	1C	N09-0292-05	BRAZIER HEAD STEPPED SCREW			
B	2A	N09-1445-05	SET SCREW (M3X8)			
D	1B	N86-4006-45	BINDING HEAD TAPITIE SCREW			
E	1A, 1C	N89-3008-45	BINDING HEAD TAPITIE SCREW			
F	1B, 1C	N89-3008-46	BINDING HEAD TAPITIE SCREW			
G	1A	* N89-4008-45	BINDING HEAD TAPITIE SCREW			
H	1C	* N19-1351-05	FLAT WASHER			
650	IB	T90-0173-05	LOOP ANTENNA			
650	IB	T90-0174-05	LOOP ANTENNA			
651	IB	T90-0176-05	T TYPE ANTENNA			
652	IB	T90-0185-05	ANTENNA ADAPTOR			
C1	-3					
C5		CK73FB1H102K	CHIP C 1000PF K			
C6		CC73FSL1H101J	CHIP C 100PF J			
C7		CC73FTH1H120J	CHIP C 12PF J			
C8		CC73FCH1H020C	CHIP C 2.0PF C			
		CC73FPFH1H330J	CHIP C 33PF J			
C9		CK73FB1H102K	CHIP C 1000PF K			
C11		CC73FPFH1H330J	CHIP C 33PF J			
C12		CC73FTH1H120J	CHIP C 12PF J			
C14		CC73FSL1H050C	CHIP C 5PF C			
C15		CK73FB1H102K	CHIP C 1000PF K			
C17	, 18					
C19		CK73FB1H102K	CHIP C 1000PF K			
C21		CK73FB1H103K	CHIP C 0.010UF K			
C22		CC73FTH1H100D	CHIP C 10PF D			
C23		CC73FSL1H010C	CHIP C 1PF C			
		CC73FPFH1H330J	CHIP C 33PF J			
C26		CK73FPFH1H330J	CHIP C 33PF J			
C27		CC73FTH1H100D	CHIP C 10PF D			
C28		CC73FSL1H010C	CHIP C 1PF C			
C29		CC73FSL1H010D	CHIP C 10PF D			
C31		CK73FB1H103K	CHIP C 0.010UF K			
C32		CK73FB1H102K	CHIP C 1000PF K			
C33		CC73FSL1H470J	CHIP C 47PF J			
C34		CK73FB1H102K	CHIP C 1000PF K			
C35		CC73FSL1H010C	CHIP C 1PF C			
C36		CC73FCH1H100D	CHIP C 10PF D			
C37		CC73FCH1H150J	CHIP C 15PF J			
C38		CC73FTH1H120J	CHIP C 12PF J			
C39		CK73FB1H102K	CHIP C 1000PF K			
C40		CC73FPFH1H330J	CHIP C 33PF J			
C41		CC73FTH1H070D	CHIP C 7PF D			
C43		CC73FSL1H010C	CHIP C 1PF C			
C44		CK73FB1H103K	CHIP C 0.010UF K			
C45		CC73FSL1H070D	CHIP C 7PF D			
C51	, 52	CK73FB1H103K	CHIP C 0.010UF K			
C54	, 55	CK73FB1H103K	CHIP C 0.010UF K			
C57	-62	CK73FB1H103K	CHIP C 0.010UF K			
C64		CK73FB1H103K	CHIP C 0.010UF K			
C65	-67	CC73FCH1H120J	CHIP C 12PF J			
C70		CK73FB1H103K	CHIP C 0.010UF K			
C70	-75	CK73FB1H103K	CHIP C 0.010UF K			
C73	-75	CK73FB1H103K	CHIP C 0.010UF K			
C76		CK73FB1H102K	CHIP C 1000PF K			

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

△ indicates safety critical components.

PARTS LIST

KT-6050

PARTS LIST

No. 4

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No. 3

Ref. No.	Address	New Parts	Parts No.	Description	Desti-nation	Re-marks
参照番号	位置	新	部品番号	部品名 / 規格	仕向	備考
C78 ,79			CK73FB1H103K	CHIP C 0.010UF K		
C81 ,82			CK73FB1H103K	CHIP C 0.010UF K	ET	
C82			CK73FB1H103K	CHIP C 0.010UF K	PMX	
C83			CK73FB1H102K	CHIP C 1000PF K		
C84			CK73FB1H103K	CHIP C 0.010UF K		
C86 -88			CK73FB1H103K	CHIP C 0.010UF K	ET	
C87 ,88			CK73FB1H103K	CHIP C 0.010UF K	PMX	
C89			CK73FB1H102K	CHIP C 1000PF K		
C90 -92			CK73FB1H103K	CHIP C 0.010UF K		
C93			CK73FB1H102K	CHIP C 1000PF K		
C94 -105			CK73FB1H103K	CHIP C 0.010UF K		
C108			CC73FSL1H221J	CHIP C 220PF J		
C109,110			CK73FB1H103K	CHIP C 0.010UF K		
C111			CC73FSL1H220J	CHIP C 22PF J		
C112-115			CK73FB1H103K	CHIP C 0.010UF K		
C116			CC73FSL1H221J	CHIP C 220PF J		
C117-119			CK73FB1H103K	CHIP C 0.010UF K		
C120,121			CC73FCH1H270J	CHIP C 27PF J	ET	
C122			CC73FSL1H271J	CHIP C 270PF J	ET	
C123			CK73FB1H103K	CHIP C 0.010UF K	ET	
C126			CK73FF1H223Z	CHIP C 0.022UF Z		
C127-129			CK73FB1H103K	CHIP C 0.010UF K	ET	
C127,128			CK73FB1H103K	CHIP C 0.010UF K	PMX	
C131-133			CK73FB1H103K	CHIP C 0.010UF K		
C134			CK73FB1H102K	CHIP C 1000PF K		
C139			CK73FB1H103K	CHIP C 0.010UF K		
C152			CE04KW1H01M	ELECTRO 100UF 50WV		
C153			CK45FF1H103Z	CERAMIC 0.010UF Z		
C155			C91-0769-05	CERAMIC 0.01UF K	PMX	
C155,156			C91-0769-05	CERAMIC 0.01UF K	ET	
C157			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C158			CE04KW1H01M	ELECTRO 0.1UF 50WV		
C160			CE04KW1V470M	ELECTRO 4.7UF 35WV		
C165			CE04KW1V470M	ELECTRO 4.7UF 35WV		
C168			CE04KW1A470M	ELECTRO 4.7UF 10WV		
C170			CE04KW1V470M	ELECTRO 4.7UF 35WV		
C173			CE04KW1V330M	ELECTRO 33UF 35WV		
C174			CF92FV1H103J	MF 0.010UF J		
C175			CE04HW1HR22M	NP-ELEC 0.22UF 50WV	ET	
C175			CE04HW1HR47M	NP-ELEC 0.47UF 50WV	PMX	
C176			CE04KW1V100M	ELECTRO 10UF 35WV		
C177			CE04KW1H47M	ELECTRO 0.47UF 50WV	ET	
C177			CE04KW1H010M	ELECTRO 1.0UF 50WV	PMX	
C178			CC45FCH1H220J	CERAMIC 12PF J		
C179			CE04KW1V100M	ELECTRO 10UF 35WV		
C180			CK45FF1H223Z	CERAMIC 0.022UF Z		
C181			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C182			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C183			CK45FF1H103Z	CERAMIC 0.010UF Z		
C184			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C185			CK45FF1H473Z	CERAMIC 0.047UF Z		
C186			CE04KW1V100M	ELECTRO 10UF 35WV		
C186			CE04KW1V100M	ELECTRO 10UF 35WV		
C186			CE04KW1H01M	ELECTRO 0.1UF 50WV		
C186			CE04KW1H01M	ELECTRO 1.0UF 50WV		

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Ref. No.	Address	New Parts	Parts No.	Description	Desti-nation	Re-marks
参照番号	位置	新	部品番号	部品名 / 規格	仕向	備考
C191			CC45FSL1H100D	CERAMIC 10PF D		
C192			CC73FSL1H101J	CHIP C 100PF J		
C193			CE04KW1A221M	ELECTRO 220UF 10WV		
C194			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C195			CE04KW1V100M	ELECTRO 10UF 35WV		
C196,197			CC73FCH1H330J	CHIP C 33PF J		
C198			CC73FU1H180J	CHIP C 18PF J		
C199			CK45FF1H103Z	CERAMIC 0.010UF Z		
C200			CC45FSL1H271J	CERAMIC 270PF J		
C201			CC45FSL1H220J	CERAMIC 22PF J		
C202			CK73FB1H103K	CHIP C 0.010UF K		
C203			CK45FF1H103Z	CERAMIC 0.010UF Z		
C204			CE04KW1H101M	ELECTRO 100UF 10WV		
C205			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C206			CF92FV1H102J	MF 1000PF J		
C207,208			CE04KW1C101M	ELECTRO 100UF 16WV		
C209			CE04HW1A470M	NP-ELEC 47UF 10WV		
C210			CC45FSL1H020C	CERAMIC 2.0PF C		
C211,212			CE04HW1A220M	NP-ELEC 22UF 10WV		
C213,214			CF92FV1H102J	MF 1000PF J		
C215			CK45FB1H681K	CERAMIC 680PF K		
C216,217			CF92FV1H102J	MF 1000PF J		
C218			CK45FB1H681K	CERAMIC 680PF K		
C219			CK45FB1H391K	CERAMIC 390PF K		
C220			CC45FSL1H181J	CERAMIC 180PF J		
C221			CE04HW1A470M	NP-ELEC 47UF 10WV		
C222			CE04KW1C221M	ELECTRO 220UF 16WV		
C223,224			CC45FSL1H101J	CERAMIC 100PF J		
C225			CF92FV1H223J	MF 0.022UF J		
C226,227			CE04KW1V100M	ELECTRO 10UF 35WV		
C228			CC45FSL1H101J	CERAMIC 100PF J		
C229			CE04KW1H22M	ELECTRO 0.22UF 50WV		
C230,231			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C232			CF92FV1H473J	MF 0.047UF J		
C233			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C234			CE04KW1C470M	ELECTRO 47UF 16WV		
C235			CF92FV1H103J	MF 0.010UF J		
C236			CF92FV1H473J	MF 0.047UF J		
C237-249			CF92FV1H103J	MF 0.010UF J		
C251			CE04KW1V100M	ELECTRO 10UF 35WV		
C253			CE04KW1V100M	ELECTRO 10UF 35WV		
C255			CF92FV1H182J	MF 1800PF J	M	EMXT
C256			CF92FV1H332J	MF 3300PF J	P	EMXT
C256			CF92FV1H512J	MF 5100PF J	M	EMXT
C257			CF92FV1H182J	MF 1800PF J	M	EMXT
C258			CF92FV1H332J	MF 3300PF J	P	EMXT
C258			CF92FV1H512J	MF 5100PF J	P	EMXT
C260-263			CE04KW1H100M	ELECTRO 10UF 50WV		
C264,265			CC45FSL1H101J	CERAMIC 100PF J		
C267,268			CC45FSL1H221J	CERAMIC 220PF J		
C273			CE04KW1H0R1M	ELECTRO 0.1UF 50WV		
C274			CC45FSL1H101J	CERAMIC 100PF J		
C275			CE04HW1H474M	NP-ELEC 0.47UF 50WV		
C277			CK45FB1H471K	CERAMIC 470PF K		
C278			CE04KW1V100M	ELECTRO 10UF 35WV		

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No. 5

Ref. No.	Address	New Parts No.	Parts No.	Description	Desti- nation	Re- marks
参照番号	位 置 記 号	部品番号	部品名	規格	仕 向	備考
C280		CF92FV1H102J	MF	1000PF	J	
C281		CF92FV1H473J	MF	0.047UF	J	
C282		CE04KWI1V100M	ELECTRO	10UF	35WV	ET
C283		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C284		CE04KWI1V100M	ELECTRO	10UF	35WV	ET
C285		CK73FB1H103K	CHIP C	0.010UF	K	
C289		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C290		CB04KWI1H331M	ELECTRO	330UF	50WV	
C291, 292		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C293		CE04KWI1H331M	ELECTRO	330UF	50WV	
C294		CE04KWI1V330M	ELECTRO	33UF	35WV	
C295		CE04KWI1V471M	ELECTRO	470UF	35WV	
C296, 297		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C298		CE04KWI1V332M	ELECTRO	3300UF	35WV	
C299		CE04KWI1V222M	ELECTRO	2200UF	35WV	
C300		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C301		CE04KWI1E471M	ELECTRO	470UF	25WV	
C302		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C303		CE04KWI1H331M	ELECTRO	330UF	50WV	
C304-306		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C307		CE04KWI1H331M	ELECTRO	330UF	50WV	
C308		CF92FV1H104J	MF	0.10UF	J	
C309		CE04KWI1V100M	ELECTRO	10UF	35WV	
C310		CE04KWI1V330M	ELECTRO	33UF	35WV	
C311		CE04KWI1V4R7M	ELECTRO	4.7UF	35WV	
C312		CF92FV1H104J	MF	0.10UF	J	
C313		CE04KWI1V100M	ELECTRO	10UF	35WV	
C314		CE04KWC102M	ELECTRO	1000UF	16WV	
C315, 316		CE04KWC470M	ELECTRO	47UF	16WV	
C317		CE04KWC102M	ELECTRO	1000UF	16WV	
C320		CE04KWI1V470M	ELECTRO	47UF	35WV	
C321		CA45FSL1H101J	CERAMIC	100PF	J	
C322		CF92FV1H102J	MF	1000PF	J	
C323, 324		CE04KWI1V100M	ELECTRO	10UF	35WV	
C325		CE04KWI1A221M	ELECTRO	220UF	10WV	
TC1	20	C05-0301-05	CERAMIC TRIMMER CAPACITOR(7PF)			
CN3	*	E40-4159-05	FLAT CABLE CONNECTOR			
J1		E70-0041-05	LOCK TERMINAL BOARD AM ANTENNA			
J2		E13-0249-05	PHONO JACK OUTPUT			
J3		E11-0168-05	MINIATURE PHONE JACK SYNCHRO			
-		J11-0098-05	WIRE CLAMPER			
-		L39-1309-05	COMBINATION COIL			
CF1		L72-0536-05	CERAMIC FILTER			
CF1, 2		L72-0566-05	CERAMIC FILTER			
CF3		L72-0120-05	CERAMIC FILTER			
CF3		L72-0546-05	CERAMIC FILTER			
CF4, 6		L72-0566-05	CERAMIC FILTER			
CF4, 5		L72-0536-05	CERAMIC FILTER			
CF7	*	L72-0577-05	CERAMIC FILTER			
CF8		L72-0536-05	CERAMIC FILTER			
CF8		L72-0566-05	CERAMIC FILTER			
CF9		L72-0572-05	CERAMIC FILTER			
CF10		L72-0120-05	CERAMIC FILTER			

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No. 6

Ref. No.	Address	New Parts No.	Parts No.	Description	Desti- nation	Re- marks
参照番号	位 置 記 号	部品番号	部品名	規格	仕 向	備考
CF10		L72-0546-05	CERAMIC FILTER			
CF12		L72-0096-05	CERAMIC FILTER			
L1		L40-2291-17	SMALL FIXED INDUCTOR			
L3	, 4	L40-2291-17	SMALL FIXED INDUCTOR			
L6	, 7	L31-0545-05	FM-RF COIL			
L8		L92-0017-05	FERRITE CORE			
L9		L31-0545-05	FM-RF COIL			
L11		L31-0545-05	FM-RF COIL			
L12		L40-1091-17	SMALL FIXED INDUCTOR(1UH)			
L14		L92-0017-05	FERRITE CORE			
L15		L30-0495-05	FM IFT			
L17	, 18	L40-2291-17	SMALL FIXED INDUCTOR			
L20		L92-0017-05	FERRITE CORE			
L24		L30-0467-05	AM IFT			
L27	- 29	L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			
L30		L30-0416-05	FM IFT			
L31		L92-0017-05	FERRITE CORE			
L32		L40-3925-29	SMALL FIXED INDUCTOR(3.9MH,J)			
L35		L30-0439-25	FM IFT			
L36		L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			
L37		L32-0527-05	FM OSCILLATING COIL			
L38		L40-6825-29	SMALL FIXED INDUCTOR(6.8MH,J)			
L39		L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			
L40		L30-0434-05	FM IFT			
L42		L32-0537-05	FM OSCILLATING COIL			
L47		L40-1091-17	SMALL FIXED INDUCTOR(1UH)			
L48		L40-2291-17	SMALL FIXED INDUCTOR			
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)			
X2		L77-2002-05	CRYSTAL RESONATOR(4.33MHZ)			
X3		L78-0208-05	RESONATOR (456KHZ)			
C	1B	N30-3008-46	PAN HEAD MACHINE SCREW			
R167		RS14KB3A101J	FL-PROOF RS 100 J 1W			
R176		RD14NB2E121J	RD 120 J 1/4W			
R469		RS14KB3D101J	FL-PROOF RS 100 J 2W			
VR1		R12-3685-05	TRIMMING POT.(10K) FM AUTO STP			
VR2		R12-3687-05	TRIMMING POT.(33K) AM AUTO STP			
VR4	, 5	R12-3685-05	TRIMMING POT.(10K) DISTORTION			
VR6		R12-1619-05	TRIMMING POT.(4.7K) DISTORTION			
VR7	, 8	R12-3685-05	TRIMMING POT.(10K) DISTORTION			
VR9		R12-0607-05	TRIMMING POT.(470) DISTORTION			
VR10	- 12	R12-3685-05	TRIMMING POT.(10K) DISTORTION			
VR13	- 15	R12-6664-05	TRIMMING POT.(470K) SEPARATION			
VR16		R12-3687-05	TRIMMING POT.(33K) PILOT CANCEL			
VR17		R12-6663-05	TRIMMING POT.(330K) FM AUTO STP			
W300	- 310	R92-0670-05	CHIP R 0 ΩHM			
W311	- 323	R92-0679-05	CHIP R 0 ΩHM			
W325, 326		R92-0679-05	CHIP R 0 ΩHM			
S1	, 2	S31-2094-05	SLIDE SWITCH DE EMPHASIS			
D1	, 2	1SV157	DIODE			
D3		HSS104	DIODE			
D3		1SS133	DIODE			
D4	, 5	KV1320-5	VARIABLE CAPACITANCE DIODE			
D7		KV1320-5	VARIABLE CAPACITANCE DIODE			

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KT-6050

PARTS LIST

PARTS LIST

No. 8

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No. 7

Ref. No.	Address	New Parts	Parts No.	Description	Desti-nation	Re-marks
参照番号	位置	新	部品番号	部品名／規格	仕向	備考
D9 ,10			KV1320-5	VARIABLE CAPACITANCE DIODE		
D11 -15			HSS104	DIODE	PMX	
D11 -15			ISS133	DIODE	PMX	
D11 -31			HSS104	DIODE	ET	
D11 -31			ISS133	DIODE	ET	
D20 ,21			HSS104	DIODE	PMX	
D20 ,21			ISS133	DIODE	PMX	
D24 -30			HSS104	DIODE	PMX	
D24 -30			ISS133	DIODE	PMX	
D37 -40			HSS104	DIODE	PMX	
D37 -40			ISS133	DIODE		
D41			HZS8.2S(B2)	ZENER DIODE		
D41			RD8.2JS(B2)	ZENER DIODE		
D42 ,43			KV1320-2	VARIABLE CAPACITANCE DIODE		
D44 -47			HSS104	DIODE		
D44 -47			ISS133	DIODE		
D46			HZS5.1S(B2)	ZENER DIODE		
D48			RD5.1JS(B2)	ZENER DIODE		
D49 -58			HSS104	DIODE		
D49 -58			ISS133	DIODE		
D60			HSS104	DIODE	ET	
D60			ISS133	DIODE	ET	
D61 -63			S5688B	DIODE		
D61 -63			ISR139-100	DIODE		
D64			HZS8.2S(B2)	ZENER DIODE		
D64			RD8.2JS(B2)	ZENER DIODE		
D65			HZS20S(B2)	ZENER DIODE		
D65			RD20JS(B2)	ZENER DIODE		
D66			S5688B	DIODE		
D66			ISR139-100	DIODE		
D67			HSS104	DIODE		
D67			ISS133	DIODE		
D68 -73			S5688B	DIODE		
D68 -73			ISR139-100	DIODE		
D74 ,75			HZS8.2S(B2)	ZENER DIODE		
D74 ,75			RD8.2JS(B2)	ZENER DIODE		
D76			S5688B	DIODE		
D76			ISR139-100	DIODE		
D77 -79			HZS5.1S(B2)	ZENER DIODE		
D77 -79			RD5.1JS(B2)	ZENER DIODE		
D80 -82			HSS104	DIODE		
D80 -82			ISS133	DIODE		
D83			HZS6.8N(B2)	ZENER DIODE		
D83			RD6.8ES(B2)	ZENER DIODE		
D84			HSS104	DIODE		
D84			ISS133	DIODE		
D86 -90			HSS104	DIODE		
D86 -90			ISS133	DIODE		
D91			HZS3.9N(B2)	ZENER DIODE		
D91			RD3.9ES(B2)	ZENER DIODE		
D92 -94			HSS104	DIODE	ET	
D92 -94			ISS133	DIODE	ET	
D94			HSS104	DIODE	PMX	
D95			HZS5.1S(B2)	ZENER DIODE	PMX	

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参照番号	位置	新	部品番号	部品名／規格	仕向	備考
D95			RD5.1JS(B2)	ZENER DIODE		
D100-103			HSS104	DIODE		ET
D100-103			ISS133	DIODE		ET
IC1			NJM4565D	IC(OP AMP X2)		
IC3			NJM4558D	IC(OP AMP X2)		
IC4			LA1267	IC(AM/FM TUNER)		
IC5 ,6			NJM4200D	IC(OP AMP X2)		
IC7 -9			NJM4565D	IC(OP AMP X2)		
IC10			NJM4560D-A	IC(OP AMP X2)		
IC11			NJM4565D	IC(OP AMP X2)		
IC12			LM7001	IC(PLL FREQUENCY SYNTHESIZER)		
IC13			TDA7330B	IC(RDS DEMODULATOR)		ET
IC14			NJM4558D	IC(OP AMP X2)		
IC15			NJM4565D	IC(OP AMP X2)		
IC16			LA3450	IC(MPX)		
IC17			NJM4565D	IC(OP AMP X2)		
IC18			TA7302P	IC(IF)		
IC19-23			NJM4565D	IC(OP AMP X2)		
IC25-29			NJM4565D	IC(OP AMP X2)		
IC30			TA7805S	IC(VOLTAGE REGULATOR/ +5V)		
IC31-33			UPC7805AHF	IC(VOLTAGE REGULATOR/ +5V)		
Q1			NJM4565D	IC(OP AMP X2)		
Q2			2SA1037K	TRANSISTOR		
Q3			2SC2412K	TRANSISTOR		
Q4			2SK302(Y,GR)	FET		
Q5			3SK226	FET		
Q6			2SK302(Y,GR)	FET		
Q7			3SK151(GR)	FET		
Q8 -11			2SK302(Y,GR)	FET		
Q9			2SC2714(R,GR)	FET		
Q10			2SK302(Y,GR)	FET		
Q11			2SC2714(R,GR)	FET		
Q12			2SK302(Y,GR)	FET		
Q13 ,14			2SC2714(R,GR)	TRANSISTOR		
Q15 ,16			DTA124EK	DIGITAL TRANSISTOR		ET
Q17			DTC114TK	DIGITAL TRANSISTOR		ET
Q18 -20			2SC2714(R,GR)	TRANSISTOR		
Q21 ,22			DTA124EK	DIGITAL TRANSISTOR		ET
Q23 -28			2SC2714(R,GR)	TRANSISTOR		
Q29 ,30			2SA1037K	TRANSISTOR		
Q51			2SK709(BL,V)	FET		
Q52			2SC3940A(R,S)	TRANSISTOR		
Q53			2SD2012	TRANSISTOR		
Q54			2SC2458(Y,GR)	TRANSISTOR		
Q54			2SC3311A(Q,R)	TRANSISTOR		
Q55			2SA1534A(R,S)	TRANSISTOR		
Q57			2SK246(Y,GR)	FET		
Q58			2SC2458(Y,GR)	TRANSISTOR		
Q58			2SC3311A(Q,R)	TRANSISTOR		
Q59			2SA1048(Y,GR)	TRANSISTOR		
Q59			2SA1309A(Q,R)	TRANSISTOR		
Q62			DTA124ES	DIGITAL TRANSISTOR		
Q63			2SK163(M)	FET		
Q64 ,65			2SK161(GR)	FET		
Q66 -72			2SK246(Y,GR)	FET		
Q73			2SC2458(Y,GR)	TRANSISTOR		
Q73			2SC3311A(Q,R)	TRANSISTOR		

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No. 9

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- marks
参照番号	位	置	部品番号	部品名／規格	仕向	備考
Q77			2SC2458(Y,GR)	TRANSISTOR		
Q77			2SC3311A(Q,R)	TRANSISTOR		
Q78 -81			2SC2878(B)	TRANSISTOR		
Q82			2SA1048(Y,GR)	TRANSISTOR		
Q82			2SA1309A(Q,R)	TRANSISTOR		
Q83			DTC124ES	DIGITAL TRANSISTOR		
Q84			2SC2458(Y,GR)	TRANSISTOR		
Q84			2SC3311A(Q,R)	TRANSISTOR		
Q85			2SA1048(Y,GR)	TRANSISTOR	ET	
Q85			2SA1309A(Q,R)	TRANSISTOR	ET	
Q86 ,87			DTA124ES	DIGITAL TRANSISTOR		
Q88			2SK246(Y,GR)	FET		
Q89			2SD2012	TRANSISTOR		
Q90			2SC2458(Y,GR)	TRANSISTOR		
Q90			2SC3311A(Q,R)	TRANSISTOR		
Q91			2SK246(Y,GR)	FET		
Q92			2SD2012	TRANSISTOR		
Q93 ,94			2SC2458(Y,GR)	TRANSISTOR		
Q93 ,94			2SC3311A(Q,R)	TRANSISTOR		
Q95			DTC124ES	DIGITAL TRANSISTOR		
Q96			2SK246(Y,GR)	FET		
Q97			2SA1048(Y,GR)	TRANSISTOR		
Q97			2SA1309A(Q,R)	TRANSISTOR		
Q98			2SB1375	TRANSISTOR		
Q99			2SK246(Y,GR)	FET		
Q100			2SA1534A(R,S)	TRANSISTOR		
Q101			2SA1048(Y,GR)	TRANSISTOR		
Q101			2SA1309A(Q,R)	TRANSISTOR		
Q102			DTC124ES	DIGITAL TRANSISTOR		
Q103			2SK246(Y,GR)	FET		
Q104			DTA124ES	DIGITAL TRANSISTOR		
Q105			2SC2458(Y,GR)	TRANSISTOR		
Q105			2SC3311A(Q,R)	TRANSISTOR		
J4		t	W02-1175-05	ELECTRIC CIRCUIT MODULE		

ACCESSORIES UNIT (X13-727X-XX)

D18		B30-1012-05	LED(SLP-981C-51)			
D26 -28		B30-1012-05	LED(SLP-981C-51)			
C1 -3		CC73FSL1H221J	CHIP C 220PF J			
C4 ,5		CK73FB1H102K	CHIP C 1000PF K			
C6 -8		CC73FSL1H221J	CHIP C 220PF J			
C9 ,10		CK73FB1H102K	CHIP C 1000PF K			
C11		CC73FSL1H221J	CHIP C 220PF J			
C12 ,13		CK73FB1H102K	CHIP C 1000PF K			
C14 -17		CK73F1H223Z	CHIP C 0.022UF Z			
C19 -23		CK73FB1H102K	CHIP C 1000PF K			
C24		CK73FB1H103K	CHIP C 0.010UF K			
C25		CK73FB1H102K	CHIP C 1000PF K			
C26 ,27		CK73FF1H473Z	CHIP C 0.047UF Z			
C29		CF92FV1H102J	MF 1000PF J			
C30		C90-3251-05	ELECTRO 0.47UF 50WV			
C31 ,32		CK73FB1H681K	CHIP C 680PF K			
C33		CF92FV1H103J	MF 0.010UF J			
C34 ,35		CF92FV1H222J	MF 2200PF J			

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

No. 9

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- marks
参照番号	位	置	部品番号	部品名／規格	仕向	備考
C36			CK73FB1H103K	CHIP C 0.010UF K		
C37			CK73FB1H102K	CHIP C 1000PF K		
C38 -40			CC73FSL1H221J	CHIP C 220PF J	ET	
C41			CK73FB1H102K	CHIP C 1000PF K	ET	
C42			CK73FB1H103K	CHIP C 0.010UF K		
C43			C90-1827-05	BACKUP 0.047F 5.5WV		
C44			C90-3214-05	ELECTRO 100UF 6.3WV		
C45			CK73FB1H102K	CHIP C 1000PF K		
C46			C90-3214-05	ELECTRO 100UF 6.3WV		
C47			CK73FB1H103K	CHIP C 0.010UF K	ET	
C48			C90-3209-05	ELECTRO 10UF 6.3WV	ET	
C49 -51			CC73FSL1H221J	CHIP C 220PF J	ET	
C52			C90-3214-05	ELECTRO 100UF 6.3WV		
C53 -60			CK73FB1H102K	CHIP C 1000PF K		
CN1	28		E40-4199-05	FLAT CABLE CONNECTOR		
L1 ,2			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	ET	
L2			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	PMX	
X1			L78-0267-05	RESONATOR (4.194MHZ)		
X2			L78-0503-05	RESONATOR (4.00MHZ)	ET	
CP1			R90-0493-05	MULTI-COMP 100KX9 J 1/6W		
CP2			R90-0492-05	MULTI-COMP 100KX8 J 1/6W		
CP3			R90-0803-05	MULTI-COMP 100KX7 J 1/4W		
R23			R92-0173-05	RC 2.2M M 1/2W	P	
W12 -14			R92-0679-05	CHIP R 0 ΩHM		
W68 -70			R92-0679-05	CHIP R 0 ΩHM		
W72 ,73			R92-0670-05	CHIP R 0 ΩHM		
W74 -78			R92-0679-05	CHIP R 0 ΩHM		
W79			R92-0670-05	CHIP R 0 ΩHM		
W82 -85			R92-0679-05	CHIP R 0 ΩHM		
W86			R92-0670-05	CHIP R 0 ΩHM		
W87			R92-0679-05	CHIP R 0 ΩHM		
W88 ,89			R92-0670-05	CHIP R 0 ΩHM		
W90			R92-0679-05	CHIP R 0 ΩHM		
W91 ,92			R92-0670-05	CHIP R 0 ΩHM		
W101			R92-0670-05	CHIP R 0 ΩHM		
S1 -25			S40-1064-05	PUSH SWITCH KEY BOARD	ET	
S1 -4			S40-1064-05	PUSH SWITCH KEY BOARD	PMX	
S6			S40-1064-05	PUSH SWITCH IF BAND	PMX	
S8			S40-1064-05	PUSH SWITCH ACTIVE RECEPTION	PMX	
S10 -25			S40-1064-05	PUSH SWITCH KEY BOARD	PMX	
S27			S62-0001-05	SLIDE SWITCH VOLTAGE SELECTOR	M	
S26			T99-0522-05	SPEED DETECTOR TUNING, PTY SEL		
D1 -17			HSS104	DIODE		
D1 -17			ISS133	DIODE		
D19 ,20			HSS104	DIODE		
D19 ,20			ISS133	DIODE		
D23 -25			HSS104	DIODE	P	
D23 -25			ISS133	DIODE		
D24 ,25			HSS104	DIODE	MX	
D24 ,25			ISS133	DIODE	MX	
D25			HSS104	DIODE	ET	
D25			ISS133	DIODE	ET	

L:Scandinavia
K:USA
P:Canada
Y:PX(Far East, Hawaii)
T:England
E:Europe
X:Australia
M:Other Areas

▲ indicates safety critical components.

▲ indicates safety critical components.

KT-6050

PARTS LIST

KT-6050

PARTS LIST

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Telle ohne Parts No. werden nicht geliefert.

No. 11

Ref. No. 参照番号	Address 位 置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
D29 ,30			HSS104	DIODE		
D29 ,30			ISS133	DIODE	M	
D32			HSS104	DIODE	M	
D32			ISS133	DIODE		
ED1	*		PIP12CKM7	INDICATOR TUBE		
IC1	*		UPD78044GF-043	IC(8 bit MICROPROCESSOR)		
IC2			LC6543H-4600	IC(RDS DECODER)	ET	
IC3			S-80740AL	IC(VOLTAGE DETECTOR)		
IC4			UPD4069UBC	IC(INVERTER X6)		
Q1 -3			2SC2412K	TRANSISTOR		
Q4			2SA1037K	TRANSISTOR	ET	
Q5			2SC2412K	TRANSISTOR		
Q6			2SA1037K	TRANSISTOR		
Q7			DTA143EK	DIGITAL TRANSISTOR	M	
Q8			2SA1037K	TRANSISTOR		
Q9			2SC2412K	TRANSISTOR		
A1			W02-0975-05	ELECTRIC CIRCUIT MODULE		

L:Scandinavia

Y:PX(Far East, Hawaii)

Y:MFES(Europe)

X:Australia

K:USA

T:England

Y:Europe

M:Other Areas

▲ indicates safety critical components

KT-6050

SPECIFICATIONS

For U.S.A. and General market

[FM tuner section]

Reception frequency range	87.5 MHz - 108 MHz
Usable sensitivity (MONO at 75 Ω).....	0.95 μV/10.8 dBf(1.4 μV)
50 dB quieting sensitivity (at 75 Ω)	
MONO	2.3 μV/ 18.5 dBf
STEREO	32 μV/ 41.2 dBf
Total harmonic distortion (at 1 kHz)	
MONO	0.007 % (85 dBf input) WIDE
STEREO	0.025 % (85 dBf input) WIDE
Signal to noise ratio (at 1 kHz)	
MONO	92 dB (85 dBf input)
STEREO	85 dB (85 dBf input)
Stereo separation	
1 kHz	60 dB (WIDE)
50 Hz - 10 kHz	50 dB (WIDE)
Capture ratio	1.0 dB (WIDE)
	2.0 dB (NARROW)
Selectivity (± 400 kHz)	60 dB (WIDE)
Image rejection ratio (at 98 MHz)	90 dB
IF rejection ratio (at 98 MHz)	110 dB
Spurious rejection ratio (at 98 MHz)	100 dB
AM suppression ratio	68 dB
Frequency response (30 Hz - 15 kHz).....	+0.5 dB, -0.7 dB
Output level/Impedance (at 1 kHz, 75 kHz dev)	
Fixed.....	0.8 V/600 Ω

[AM tuner section]

Reception frequency range	
9 kHz step	531 kHz - 1,602 kHz
10 kHz step	530 kHz - 1,610 kHz
	or 530 kHz - 1,700 kHz (P Type)
Usable sensitivity	10 μV/(300 μV/m)
Signal to noise ratio	
(at 30 % mod. 1 mV input)	50 dB
Total harmonic distortion.....	0.3 %
Image rejection ratio.....	37 dB
Selectivity	30 dB
Output level/Impedance	
(at 30 % mod. 1 mV input)	0.24 V/600 Ω

[General]

Power consumption	25W
Dimensions	W: 440 mm (17.3") H: 98 mm (3.8") D: 331 mm (13.0")
Weight (Net)	4.5 kg (9.9 lb)

For U.K. and Europe

[FM tuner section]

Reception frequency range	87.5 MHz - 108 MHz
Usable sensitivity (DIN at 75 Ω)	
MONO	0.95 μV/10.8 dBf
STEREO	35 μV/42 dBf
Limiting level (DIN at 75 Ω)	0.64 μV/7.3 dBf
Total harmonic distortion (DIN at 1 kHz)	
MONO	0.009 % (85.2 dBf) WIDE
STEREO	0.025 % (85.2 dBf) WIDE
Signal to noise ratio (DIN weighted at 1 kHz)	
MONO	83 dB (85.2 dBf input)
STEREO	76 dB (85.2 dBf input)
Stereo separation (DIN)	
1 kHz	60 dB (WIDE)
6.3 kHz	50 dB (WIDE)
Capture ratio	1.5 dB (WIDE)
Selectivity (DIN ± 300 kHz)	50 dB (WIDE)
(DIN ± 200 kHz)	60 dB (NARROW)
Image rejection ratio (at 98 MHz)	90 dB
IF rejection ratio (at 98 MHz)	110 dB
Spurious rejection ratio (at 98 MHz)	100 dB
AM suppression ratio	68 dB
Sub carrier suppression (DIN)	76 dB (at 19 kHz) 70 dB (at 38 kHz)
Frequency response (30 Hz - 15 kHz).....	+0.5 dB, -1.0 dB
Output level/Impedance (FM at 1 kHz, 75 kHz dev)	
Fixed.....	0.8 V/600 Ω

[MW tuner section]

Reception frequency range	531 kHz - 1,602 kHz
Usable sensitivity	10 μV/(300 μV/m)
Signal to noise ratio	
(at 30 % mod. 1 mV input)	50 dB
Total harmonic distortion.....	0.3 %
Image rejection ratio.....	37 dB
Selectivity	30 dB
Output level/Impedance	
(at 30 % mod. 1 mV input)	0.24 V/600 Ω

[General]

Power consumption	25W
Dimensions	W: 440 mm (17-5/16") H: 98 mm (3-7/8") D: 331 mm (13-1/16")
Weight (Net)	4.5 kg (9.9 lb)

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KENWOOD follows a policy of continuous advancements in development.
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KENWOOD strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.